

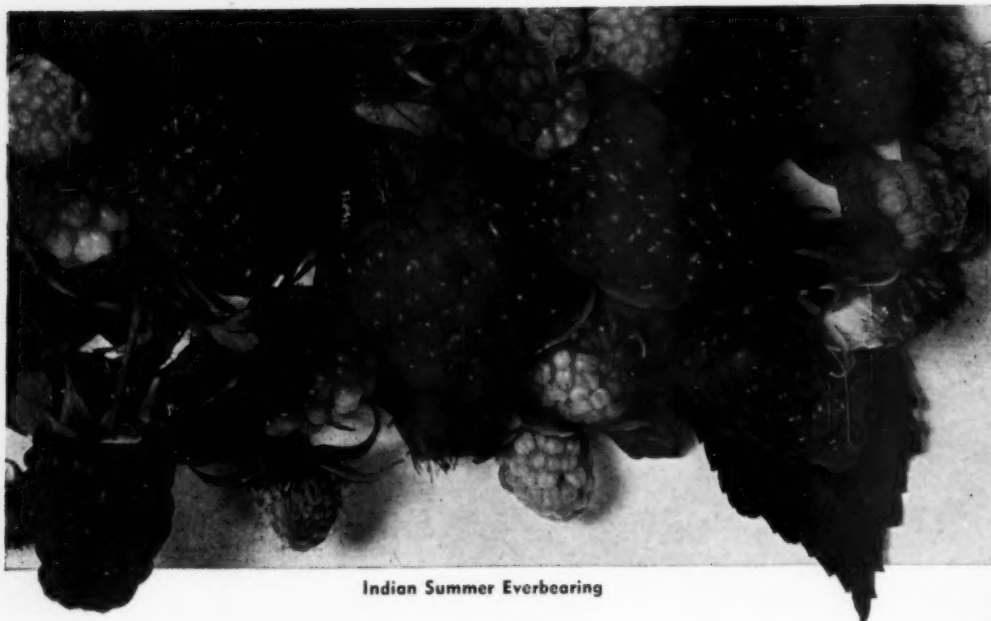
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# AMERICAN NURSERYMAN

July 15, 1947

A. A. N. Number





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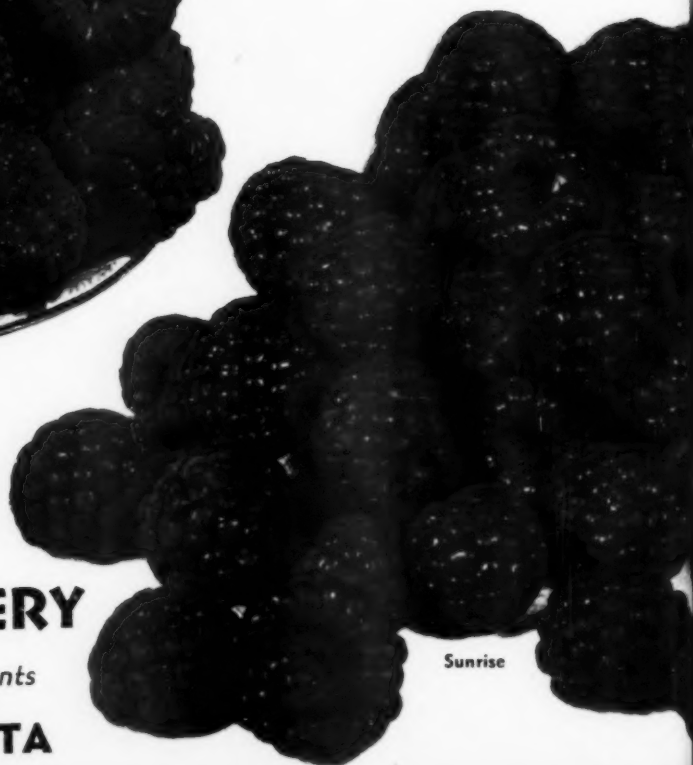


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Also  
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 AMERICANA PLUM SEEDLINGS**



Sunrise

**ANDREWS NURSERY**

*The Home of Better Raspberry Plants*

**FARIBAULT - MINNESOTA**



# AMERICAN NURSERYMAN

[Registered U. S. Patent Office]

*The Nurseryman's Forte: To Make America More Beautiful and Fruitful*

VOL. LXXXVI, No. 2

JULY 15, 1947

Founded 1904  
With which was merged 1939  
THE NATIONAL NURSERYMAN  
Established 1893

\* \* \* \* \*

Published on the  
first and fifteenth  
of each month by the  
AMERICAN NURSERYMAN  
PUBLISHING COMPANY

343 South Dearborn Street,  
Chicago 4, Illinois.  
Telephone: Wabash 8194

\* \* \* \* \*

Subscription Price:  
\$2.00 per year; outside  
United States, \$2.50;  
Single Copies, 15c.

\* \* \* \* \*

Advertising Rates  
on application.  
Forms close fifteen days  
before date of issue.

\* \* \* \* \*

Entered as second-class matter  
December 14, 1933, at Chicago,  
Ill., under act of March 3, 1879.

## CONTENTS

Prominent Speakers for Boston Meeting .....	7
Program for A. A. N. Convention at Boston .....	9
Things to See and Eat at Boston .....	10
By William H. Clark	
A. A. N. Members in New England .....	12
Mail Order Nurserymen Meet at Chicago .....	15
Open Diamond Jubilee Rose Garden .....	16
Prize Designs of Small Home Grounds .....	18
Reports on Spring Landscape Business .....	20
Plant Notes Here and There .....	32
By C. W. Wood	
Washington Conference at Seattle .....	60
By Carol Wieting	
Editorial .....	6
—Industrial Landscaping .....	6
—Time for Selling .....	6
—Chelsea Flower Show	
Returns to England .....	6
Visit Arnold Arboretum on	
Convention Trip .....	8
Rex E. Westhauser .....	15
Coming Events .....	24
—Meeting Calendar .....	24
—California Program .....	24
—Mississippi Dates Set .....	24
—Texas Fair Day .....	24
—Shade Tree Conference .....	24
Bobbink Golden Wedding .....	26
Obituary .....	28
—Ira J. Cummings .....	28
—Steven Horvath, Jr. ....	28
—John W. Akers .....	28
Southwestern News .....	30
Louisville Meeting .....	30
Strawberry Survey .....	38
Oregon Meeting .....	65
Redwood Empire Association	
Meets .....	66
Spring in Oregon .....	67
Meet at Painesville, O. ....	70
Tree Doctor Arrested .....	70
Texas Short Course .....	87
Peony Society Elects .....	88
Hillsdale Rose Festival .....	94
Sprayer and Duster	
Association Officers .....	94
Connecticut Highway Planting	
Policies .....	95
Cincinnati Group Meets .....	97

# INDEX TO ADVERTISERS

Ackerman Nurseries	59	Florida Pipe & Supply Co., Inc.	92	North Pole Nursery	48
Acme Sprinklers	72	Forest Nursery Co.	40	Northwest Nursery Co.	50
Allen Co.	85	Foster Nursery Co.	46		
American Agricultural Chemical Co.	85	Fricke & Co., J. E.	95	Ohio Nursery Label Co.	72
American Bulb Co.	64			Onarga Nursery Co., Inc.	40
American Chemical Paint Co.	82	Galletta Brother's Blueberry Farms	57		
American Color & Chemical Co.	80	Garden Shop, Inc.	34	Pacific Coast Nursery	65
American Florist Supply Co.	89	Gardner's Nurseries	33	Pallack Bros. Nurseries, Inc.	32
American National Bag & Burlap Co., Inc.	96	Gardner, Ralph D.	42	Perry Nursery Co., O. H.	54
American Soil Sponge Selling Corp.	73	Gray Nurseries	64	Peterson & Dering	37
Anderson Open Hoe Mfg. Co.	87	Greening Nursery Co.	44	Peterson Machine & Supply Co.	74
Andrews Nursery Co.	2	Grootendorst & Sons, F. J.	38-64-66	Peterson, Inc., A. N.	50
Arborist Supply Co., Inc.	72	Grootendorst, J. M. Son, Peter	67	Plumfield Nurseries	46
Ariens Co.	88	Gro-Quick	64	Pontiac Nursery Co.	58
Arp Nursery Co.	22	Guldemond's	64	Portland Wholesale Nursery	63
Athens Nursery Co.	47			Premier Peat Moss Co.	95
Atkin's Sons, L.	96	Half Moon Mfg. & Trading Co., Inc.	66	Price, Archibald Enoch	55
Atlas Supply Division	76	Halpern Bros.	97	Princeton Nurseries	30
		Harrison Bros. Nurseries	41	Progressive Biological Co., Inc.	80
Bagatelle Nursery	30	Hauck Mfg. Co.	76		
Bailey Nurseries, J. V.	52	Heasley's Nurseries	26	Rambo's Wholesale Nursery, L. J.	58
Bartlett Mfg. Co.	90	Herbst Bros.	25	Ra-Pid-Gro Corp.	91
Bass Nursery	59	Hess' Nurseries	51	Rapids-Standard Co., Inc.	87
Bean Mfg. Co., John	75	Hill Nursery Co., D.	21	Reliance Fertilizer Co.	75
Beck Company, M. J.	80	Hobbs & Sons, Inc., C. M.	57	Rich & Sons Nursery	61
Beets, Inc.	80	Homestead Nurseries	67	Richmond Nurseries	87
Bergeson Nursery	59	Horstford, William Crosby	32	Rivet-O Mfg. Co.	35
Berryhill Nursery Co.	44	Horticultural Realty Co.	91	Robinson Sales Agency, E. D.	87
Birchlane Farm	63	House & Sons, L. C.	46	Rogers Wholesale Nurseries	59
Blackwell Nurseries, Inc.	53	Howard Rose Co.	64	Rollers Wholesale Nurseries	54
Bobbink & Atkins	36	Howell Nurseries	57	Romines Plant Farm	55
Bountiful Ridge Nurseries	42	Hudson Mfg. Co., H. D.	73	Rose Lawn Nurseries	40
Boxwood Gardens	34	Humphreys Landscape Service	52	Roseway Nurseries	61
Boyd Nursery Co.	48	Huntsville Wholesale Nurseries, Inc.	51	Royer Foundry & Machine Co.	77
Broadway Rubber Mfg. Co.	76	Hydroponic Chemical Co., Inc.	86		
Brookfield Gardens	28	Hyper-Humus Co.	78	Scammel and Son, H. B.	56
Brouwer Nursery, Jack	34			Scarff's Sons, W. N.	49
Brown Deer Nurseries	46-51	Ittner Bros.	92	Schifferli & Son Nurseries, F. E.	56
Brownell Rose Research Gardens	28			Schupp Florist Supply Co.	72
Bryant's Nurseries	44	Jewell Nurseries, Inc.	36-52	Schuykill Chemical Co.	70-79
Bulk's Nurseries, Inc.	32	Johnson's Nursery	42	Shamburger Nursery, Carl	54
Buntings' Nurseries, Inc.	24-26-34	Johnston, Wm. A.	62	Shavings & Sawdust Co.	92
Burr & Co., Inc., C. R.	5-27	Jongenburger, R. U.	67	Shepard Nurseries	22
Burton's Hilltop Nurseries	52			Sherman Nursery Co.	46
		Kallay Bros. Co.	47	Sherwood Nursery Co.	63
California Nursery Co.	65	Keeler's Gardens	58	Shore & Co., Inc., J.	96
Call's Nurseries	49	Keeling, Forrest	47	Siebertthal Co.	88
Campbell-Hausfield Co.	94	Kelly Brothers Nurseries, Inc.	56	Sine Equipment Co.	88
Carlton Nursery Co.	63	Koster Nursery Co.	43	Sisk Nurseries	58
Carpenter & Co., Geo. B.	78	Krieger's Wholesale Nursery	43	Sizemore, Charles	72
Carscallen Nursery Label Co.	64	Kuemmerling, Karl	95	Smith Corp., W. T.	22
Center Road Nursery	82			Sneed Nursery Co.	51
Central Petroleum Co.	96	LaBars' Rhododendron Nursery	34	Soil Research Laboratories, Inc.	75
Chacon Chemical Co., R. L.	81-87	Lake's Shenandoah Nurseries	47	Somerset Rose Nursery	49
Champion Sprayer Co.	91	Las Positas Nursery	60	Sprayer Corp. of America	92
Chase Co., Benjamin	96	Leghorn's Evergreen Nurseries	28	Standard Engineering Works	84
Classified Ads	69-69	Leonard & Sons, A. M.	96	Sudbury Soil Testing Laboratory	72
Cloverset Flower Farm	83	Lindig's Mfg. Co.	73	Suncrest Evergreen Nurseries	34
Coastal Gardens	63	Lindley Nurseries, Inc.	38	Surtees, John	77
Coastal Paper & Supply Co.	74	Lovett, Lester	26	S-W Supply Co.	91
Colby Co., Eli	90	Lowell Mfg. Co.	71		
Columbia & Okanagan Nursery Co.	62			Tarlton Nurseries	54
Commercial Nursery Co.	50	Mack's Anti-Weed Gun	79	Taylor, L. R.	42
Conard Pyle Co.	36	Magee, Thomas J.	88	Tennessee Nursery Co.	59
Conestoga Gardens	94	Maloney Bros. Nursery Co., Inc.	57		
Conigasky, B. F.	94	Mathews Co.	82	Unexcelled Chemical Corp.	86
Crystal Soap & Chemical Co., Inc.	74	Max Nursery	56	Union Pacific Railroad	98
Curtis Nurseries	28	Maxwell-Bowden & Rice, Inc.	26	United Textiles, Inc.	96
		McGill & Son, A.	37	University of Nanking, China	66
Danuser Machine Co.	74	McHutchison & Co.	74		
Dayton Fruit Tree Label Co.	97	McMinnville Tree Co.	58	Vanvert Freres & Fils	67
Deerfield Nurseries	36	Meehan Co., Thomas B.	30-87	Verhalen Nursery Co.	55
Del Rancho Fortuna	61	Melco Mfg. Co.	97	Vernay Nursery Co.	56
Dodd Nurseries, Tom	50	Merck & Co., Inc.	85	Vermeulen, John	30
Doerfler & Sons, F. A.	45	Milton Nursery Co.	62	Vuyk Van Nes Nurseries	66
Dollar Nursery	59	Mink & Co., W. R.	81		
Doty & Doerner, Inc.	63	Monarch Shingle Co.	62	Waddell Printing Co.	74
Dow Chemical Co.	73	Monrovia Nursery Co.	62	Want Ads	70
Dummett, Arthur	38	Moran, E. C.	64	Washington Nurseries	60
Dybvig Nurseries, Inc.	57	Morse Co., A. B.	100	Washington Heights Nurseries	58
		Mountainburg Nursery	59	Wassenberg, C. F.	48
Eagle Wrapping Products Co.	94	Mountain View Floral Nurseries	65	Waynesboro Nurseries	72
Edwards Laboratory	76	Mount Arbor Nurseries	23	Wayside Gardens	99
Egyptian Nursery & Landscape Co.	52			Weller Nurseries Co.	48
Electra Protection Co., Inc.	75	Nagle's Nursery	48	West Hill Nurseries	30
Ellgren Nurseries	26	Nalen, J. L.	30	Westminster Nurseries	47
Emlong Nurseries, Inc.	55	National Landscape Institute	62	WhiteShowers, Inc.	90
Evergreen Nursery Co.	47	National Nurseries	52-86	Williams & Harvey Nurseries Co., Inc.	90
		Natorp Co., W. A.	56	Williams, Isaac Langley	28
Fairview Evergreen Nurseries	26	Naugher Nursery	53	Willis Nursery Co.	29
Far North Nurseries, Inc.	67	Neosho Nurseries Co.	57	Wonderland Nurseries	48
Farrier Plant Co., W. G.	59	New Amsterdam Import Co., Inc.	77	Woodruff & Son, Inc., F. H.	65
Felins Tying Machine Co.	80	Newport Nursery Co.	52-55		
Fertigator Co.	82			Yoho & Hooker	93
Filtrol Corp.	64				

Report of A.A.N. Convention in August 1 Issue.

Closing date for the August 1 issue will be Friday, July 18.

# *An Open Invitation*

## **TO ALL NURSERYMEN**



**WE** WILL be pleased to have you visit  
our Connecticut nurseries before,  
during or after the convention.

Plan to stop off on your way to or  
from Boston. We are located nine miles  
east of Hartford, near Routes 6, 15 and  
44. Regular train and plane service  
from Boston to Hartford. Notify us when  
and where you will arrive, and we will  
meet you.



## **C. R. BURR & COMPANY, Inc.**

**Manchester, Conn.**

*"Growing Since '98"*



# AMERICAN NURSERYMAN

F. R. KILNER, Editor

## Editorial

### INDUSTRIAL LANDSCAPING.

Few nurserymen apparently have sought to sell a job of landscaping to the factory owners in their respective communities. Those who have made such attempts have been gratified by the response, and some industrial leaders have gone ahead on such projects of their own volition.

The opportunities in the industrial field have been the subject of discussion in meetings of the National Landscape Nurserymen's Association, and a brochure has been prepared for members of that organization to send to factory owners in their respective sales areas. The booklet has won commendation. Perhaps more developments in industrial landscaping would be reported if labor was more plentiful and the spring weather had been more favorable for landscape firms to complete their spring orders.

Further evidence of the prospects in this field appear in the returns from a questionnaire sent out from the office of the American Association of Nurserymen to the executives of 510 corporations, comprising large, small and medium-size factories, located in all sections of the country.

The purpose of the survey was to obtain manufacturers' opinions on the importance of industrial landscaping as a factor in good community relations and to ascertain the potential market for nurserymen's products in such projects. About a twenty-five per cent return was obtained, and 138 replies were tabulated. Summary of the compilation, just reported by A. A. N. headquarters, emphasizes the favorable reception awaiting nurserymen in the development of this market.

The replies were almost unanimous in indicating that good community relations are of great importance to the manufacturer. Among factors in building good community relations, landscaping ranked high, after good house-keeping in factories and offices and participation in civic activities.

Of the 138 replies, forty-nine reported the grounds now extensively landscaped and sixty to some extent. Nineteen replied there was no planting at all, and ten gave no response. About half contemplated additional landscaping, on various types of programs, while half made no response.

The local nurseryman leads the list of those to whom the companies would

## The Mirror of the Trade

most likely go for advice or plans on landscaping, with the landscape architect, company grounds keeper, experienced employee and landscape contractor following in order. Shrubs and evergreens topped the list of nurserymen's products considered most suitable, with shade trees, hedges and flowering trees following closely.

To the request to name three or four factories considered to be good examples of industrial landscaping, no fewer than sixty replied, naming 137 companies. Apparently factory executives are sufficiently interested in industrial landscaping to be aware of what their competitors are doing and what plantings are outstanding.

Indeed, one is impressed with the familiarity of our sales prospects with industrial landscape projects—greater familiarity perhaps than can be exhibited by many nurserymen. Here is a field ready for development.

### TIME FOR SELLING.

While the prolonged cool weather enabled mail-order nurserymen to close the spring season with about as much business as a year ago, the general experience was that advertising costs were larger, entailing more sales expense per order.

This might have been expected, regardless of the weather, because this year the public is presented with many more manufacturers' products on which to spend its money than were available a year or two ago, when scarcities were common in many household lines.

During the war the homeowner spent his vacation fixing up his grounds, and he bought plants to do it. He could not buy a radio, an automobile, a washing machine or much in the way of household furniture. Then the nurseryman's problem was only to secure labor to fill his orders.

Now all the items mentioned above are available, as well as many more that might be listed. The homeowner's money is being attracted by many other products besides those of the nurseryman. It is a matter of congratulation that the trade's volume of business the past spring was approximately equal to that of a year ago and in many cases somewhat ahead. For plants to hold their own against the competition of numerous products reappearing in stores and salesrooms is a reason for considerable gratification.

The competition from these other products will increase, and more sales effort will be necessary. The bill for marketing your products will rise, whether you advertise, issue a catalog, employ salesmen or sell at the nursery. This department of the business must be revived, organized and set to work, so that sales quotas may be maintained in the season ahead.

### CHELSEA FLOWER SHOW RETURNS IN ENGLAND.

For the first time since 1939, the Royal Horticultural Society of England presented in May the famous Chelsea flower show. The first post-war presentation of this world-famous exhibition covered about eighty per cent of the area occupied by former shows, but according to English trade publications, the quality of most of the exhibits was up to prewar standards.

For a time, the question of whether or not there was to be a 1947 show hung in the balance. Nurserymen and growers felt that the decision to present the show came too late in the year. They declared that they would need another growing season to replenish their stocks, reduced by fifty to ninety per cent during the war in favor of food crops; that today's prices would make rock gardens almost impossible; that greenhouse-grown plants would be almost nonexistent, and that the ever-present chance of late frosts would make azaleas and rhododendrons, the only colorful flowers which could be shown, an unknown quantity.

Arguing against them was the council of the Royal Horticultural Society, though it, too, was divided on the issue. The council feared that further cancellation of the show might result in the society's being deprived of the site in future years. Too, it was strongly felt that the society had a responsibility to its fellows and to the general public. Lord Aberconway, president of the R. H. S., in an address at a meeting of former exhibitors, said, "Whatever else we go without, we should not go without a Chelsea flower show next year."

Despite the cool weather, it is estimated that crowds at the 3-day show surpassed prewar attendance in number. A record-breaking number of new fellows in the R. H. S. is also expected.



# Prominent Speakers for Boston Meeting

Added to the highlights of the convention program of the American Association of Nurserymen at Boston is an address by Lowell B. Mason, member of the Federal Trade Commission, Washington, D. C., on "Fair Trade Practices," a topic of particular interest in view of the recent discussions of a code of ethics in this field. He will appear on the program Wednesday afternoon, July 23.

Lowell B. Mason is a son of the late William B. Mason, long a congressman from Illinois. Born at Chicago in 1893, Lowell Mason received his LL.B. from Northwestern University in 1914 and was admitted to the Illinois bar in the same year. After practicing law at Chicago and acting as assistant corporation counsel for the city, he was elected to the Illinois state senate, where he served from 1922 to 1930. His law practice was transferred to the national capital when he became general counsel for the National Industrial Recovery Board in 1934, for the United States Senate judiciary subcommittee investigating the NRA in 1935 and for the Senate interstate commerce subcommittee in 1936. He was appointed to the Federal Trade Commission by President Truman October 3, 1945.

With this addition to the convention speakers, the program at Boston is as previously announced. The complete schedule appears on page 9.

T. Hilling, of Messrs. T. Hilling & Co., Chobham, Woking, Surrey, England, has been designated official representative of the Horticultural Trades' Association of England to the convention and will appear on the program.

Of primary importance on the con-



Lowell B. Mason.

vention program will be consideration of trade promotion or public relations activities to be undertaken by the A. A. N. The proposal for such activities emanated from the membership, in the discussion of postwar association activities by chapter representatives just two years ago. With funds from the assessment of forty per cent of members' dues for this purpose, the Verne Burnett Organization, of New York city, was employed February 1 of this year to make a survey to determine what form of trade promotion work should be done.

Last month A. A. N. members received a 6-page summary of a mail questionnaire endeavoring to obtain the members' opinions as to desirable sales appeals, types of plantings to be promoted, association advertising, installment planting and counteraction

of unfavorable customer reactions. Only thirty per cent of the members of the association replied to the questionnaire, and the replies indicate no noticeable departure from the general trend of the industry's thinking in the past decade.

More recently members received a 4-page summary of a survey on factory landscaping as an aspect of manufacturers' community relations. This has comment on the opposite page. The results of surveys and public opinion polls among realtors, builders and homeowners, states A. A. N. headquarters, will be ready for the Boston meeting.

## N. L. N. A. Speakers.

Headline speakers are now announced for the sessions of the National Landscape Nurserymen's Association, Monday, July 21, the day before the A. A. N. opens its general sessions. Subjects which will be discussed are the proper training for landscape students, the New York city park system and the use of sales grounds in interesting customers in landscape projects. Stewart Constable, chief designer of the New York city department of parks, will be one of the speakers, and Prof. Walter L. Chambers, of the school of landscape design of Harvard University, is another scheduled speaker. Also expected is a talk on the fuller appreciation of nursery stock by the public.

Following each address, time will be given for the usual discussions that form an interesting and worth-while part of the N. L. N. A. program.

The local committee making arrangements for the program of the National Landscape Nurserymen's As-

## WELCOME TO BOSTON

The American Association of Nurserymen is about to pass another milestone, one of the most important in nearly seventy-five years of service to the industry.

Facilities for service are the best in our history. Consideration is being given to better relations with the public, to keeping them plant conscious and to encourage buying from American Association members. With such a program in the making, every member is urged to attend the meeting at Hotel Statler, Boston, Mass., July 21 to 24. In addition, there will be an excellent program, high-lighted by eminent speakers and excellent entertainment.

Those nurserymen not members attending this meeting will be convinced that membership is far more valuable than the small cost of membership indicates. The American Association of Nurserymen is one of the outstanding trade associations of the United States, with a dynamic program for service and furthering the nursery industry.

To all nurserymen and those whose interests are related, I extend greetings and welcome to an outstanding meeting of the American Association of Nurserymen.

Richard H. Jones, President.



sociation is composed of Harold Stevenson, of the Bay State Nurseries, North Abington, Mass.; Warren Richard, and Cliff Corliss.

#### Local Preparations.

In addition to the full programs scheduled for the general sessions of



Luke C. May.

the A. A. N., with prominent speakers, important committee reports and decisions of association policy, time has been provided for social features.

The Clam Diggers' Club is expected to compete in favor with the similar social gathering spots of prewar conventions. An evening steamship tour of Boston harbor, a trip to the Arnold Arboretum and visits to historic spots will occupy Tuesday evening and Wednesday morning, while the usual banquet will be held Wednesday evening.

The hosts at the Clam Diggers' Club are headed by Joseph Chesnicka, of the Chesnicka Landscape Service, Westfield, Mass., the remaining members of this committee being Jack Brownell, Jac Bulk, Eugene Muller, Louis Wissenbach, Fred Noble, Joel Barnes, Peter Van Melle, Valteau C. Curtis, Howard Maloney, Harold Thurlow and Lou C. Schubert.

The transportation committee is headed by Luke C. May, Lexington Nurseries, Lexington, Mass., and includes Isaac L. Williams, Cliff Corliss, Walter Stranger, Arthur Webster, George Fellows and Henry Verkade.

The entertainment committee consists of Richard M. Wyman, Jr., Wyman's Framingham Nurseries, Framingham, Mass.; Edmund Mezitt, and Floyd Oatman.

The decorations committee is headed by Seth L. Kelsey, of Kelsey-Highlands Nursery, East Boxford, Mass.

The ladies' program is in the hands of a committee headed by Mrs. Helen Cascio, West Hartford, Conn., and

she is assisted by the wives of committee members.

Registration is in the hands of L. C. Vanderbrook, Manchester, Conn.; Cornelius Van Tol, and James A. Morrison, manager of the Boston convention bureau. Publicity has been handled by Homer K. Dodge, Landscape Service Co., Framingham, Mass.; Richard Holmes, Harold Seyler and William H. Clark.

Exhibits will be shown by supply and equipment firms again this year. This feature is in the hands of a committee headed by Lloyd A. Hathaway, Littlefield-Wyman Nurseries, Abington, Mass., and including Charles Hess, Fred Herbst, Jack Shore and Marinus Van der Pol.

Heading the executive committee is Donald D. Wyman, Bay State Nurseries, North Abington, Mass., with his executive assistants, Charles S. Burr, Manchester, Conn., and V. J. Vanicek, Newport, R. I. The treasurer is Richard M. Wyman, Framingham, Mass. Honorary chairman of the executive committee is Russell Jacobus, Upper Montclair, N. J., who is chairman of region I, and the committee is assisted by the presidents of the New England, New Jersey, New York and Pennsylvania associations.

With the New England nurserymen directing the convention preparations, the eastern region of the A. A. N. is host to what is expected to be a record convention in point of interest, importance and attendance.

#### VISIT ARNOLD ARBORETUM ON CONVENTION TRIP.

While attending the A. A. N. convention at Boston, nurserymen will have the opportunity to visit one of the finest collections of plant materials for botanical research in one of the world's finest gardens, the Arnold Arboretum, which is situated only a few miles outside Boston, at Jamaica Plain, Mass.

Within the arboretum's 265 acres there are more than 6,600 different species and varieties of trees, shrubs and vines.

The Arnold Arboretum was established just seventy-five years ago on 120 acres of land on the basis of a modest endowment of \$100,000 from the James Arnold estate. In its 75-year existence the Arnold Arboretum has gathered the largest endowment of any similar institution in this country, and today its total endowment is nearly \$4,000,000.

In the original indenture by which the Arnold fund was turned over to Harvard University it was provided that there be established a living collection of plants containing

as far as practicable all the trees, shrubs and herbaceous plants that could be grown on a portion of the Bussey estate at West Roxbury which the university was to set aside for that purpose. With the small sum available it was wisely decided to limit activities to woody plants.

In 1882 the land became part of the metropolitan park system of Boston, although under the indenture the land itself was leased to Harvard University for 999 years at \$1 per year, with a renewal provision at the end of each 999-year period. The city of Boston agreed to add certain adjoining lands to the arboretum and to construct and maintain roads and boundary fences, to police the grounds and to assume any taxes that might be levied during the 999-year contract. In return for this assistance, the university agreed to open the arboretum to the public each day.

The first director of the Arnold Arboretum was Charles Sprague Sargent. The tenure of Professor Sprague was characterized by expensive expeditions to various parts of the world. The work of E. H. ("Chinese") Wilson is well known in this regard.

After testing on the arboretum's grounds for hardiness and horticultural worth, many plants now common and important horticultural varieties have been introduced into cultivation. Nurserymen have been supplied with living plants of outstanding species and varieties or of new hybrids from which they in turn



Louis C. Vanderbrook.

can secure their own propagating material as needed. Dr. Donald Wyman, horticulturist, is in charge of this service. R. G. Williams is superintendent of the grounds and R. H. Fillmore, propagator. H. A. Howard is assistant horticulturist, and A. J. Fordham is assistant superintendent.

# American Association of Nurserymen

## Seventy-second Convention, at Hotel Statler, Boston, Mass.

### COMPLETE PROGRAM SCHEDULE

#### THURSDAY, JULY 17.

10:00 A. M. A.A.N. Executive Committee. Hancock room.

#### FRIDAY, JULY 18.

9:00 A. M. A.A.N. Executive Committee. Hancock room.

10:00 A. M. Ornamental Growers' Association, Stock Committee. Parlor B.

2:00 P. M. Wholesale Fruit Tree Growers' Association, Stock Committee. Parlor B.

#### SATURDAY, JULY 19.

9:00 A. M. A.A.N. Executive Committee. Hancock room.

10:00 A. M. Ornamental Growers' Association. Parlor B.

2:00 P. M. Wholesale Fruit Tree Growers' Assn. Parlor B.

#### SUNDAY, JULY 20.

9:00 A. M. A.A.N. Executive Committee. Hancock room.

10:00 A. M. Retail Nurserymen's Association of the United States. Parlor B.

2:00 P. M. A.A.N. Executive Committee, with market development and publicity committee and its subcommittees. Hancock room.

2:00 P. M. National Assn. of Plant Patent Owners. Parlor B.

4:00 P. M. Opening of Clam Diggers' Club. Georgian room and Parlor A.

#### MONDAY, JULY 21.

9:00 A. M. Association Secretaries. Room 419.

Call to order by Richard P. White.

Election of chairman.

Summary of information on state association management, by Richard P. White.

Report of "State Association Activities and Projects," by Jack Lincke, secretary, California Association of Nurserymen.

Building meeting program.

Regional, by Louis C. Vanderbrook, secretary, New England Nurserymen's Association.

State, by John D. Siebenthaler, secretary, Ohio Nurserymen's Association.

Local, by Hewlett W. Lewis, secretary, Long Island Nurserymen's Association.

2:00 P. M. Association Secretaries. Room 419.

Report on "Legislative Activities of State Associations," by Miles W. Bryant, secretary, Illinois State Nurserymen's Association.

Cooperation with state agencies.

"State Departments of Agriculture and Regulatory Inspection Matters," by Murray P. Ramsey, secretary, Texas Association of Nurserymen.

"State Agricultural Experiment Stations' Research and Extension," by Clyde Heard, secretary, Iowa Nurserymen's Association.

"State Highway Departments," by Frank Pflumm, secretary, Kansas Association of Nurserymen.

9:00 A. M. National Landscape Nurserymen's Association. Salle Modern. N.L.N.A. Executive Committee. Parlor D.

10:00 A. M. All-America Rose Selections, Inc. Parlor B.

4:00 P. M. Clam Diggers' Club. Georgian room and Parlor A.

8:00 P. M. Junior Get-acquainted Party. Parlors B and C.

8:00 P. M. A.A.N. Board of Governors. Ballroom.

Call to order by President Richard H. Jones.

Report of credentials committee.

Roll call of delegates.

Standing committee reports.

Arbitration, by Richard P. White.

Botanical gardens and arboreta, by Robert Pyle.

United horticulture and plant nomenclature, by J. Frank Styer.

#### MONDAY, JULY 21—Continued.

8:00 P. M. A.A.N. Board of Governors.

Standing committee reports—Continued.

Legislation and national affairs, by K. B. Law.

Market development and publicity, by Charles S. Burr.

Membership, by Richard H. Jones.

Quarantine, by A. F. Meehan.

Horticultural standards, by William Flemer, Jr.

Trade practices and ethics, by Chet Marshall.

Trade relations, by Kimball Andrews.

Transportation, by H. H. Chase.

United States Chamber of Commerce Councilor, by Owen G. Wood.

Consideration of reports and additions to agenda.

#### TUESDAY, JULY 22.

9:00 A. M. N.L.N.A. Executive Committee. Parlor D.

10:00 A. M. A.A.N. General Meeting. Ballroom.

Invocation, by Rev. S. M. Lindsay, First Baptist Church, Brookline, Mass.

Roll call of delegates.

Welcome to Boston.

10:40 A. M. President's message, by Richard H. Jones.

11:00 A. M. Treasurer's report and presentation of budget, by Howard C. Taylor.

11:15 A. M. Address, "What Is This Industry?" by H. Truman Fossum.

12:00 A. M. Ladies' auxiliary luncheon and business meeting. Georgian room.

2:00 P. M. A.A.N. General Meeting. Ballroom.

Report of executive secretary, by R. P. White.

2:30 P. M. Report on trade promotion and market development, by Charles S. Burr.

3:30 P. M. Nominations by regional delegates for executive committeemen.

Nominations for officers 1947-48.

9:00 A. M. and 4:00 P. M. Junior beach party.

8:00 P. M. American Nurserymen's Protective Association. Parlor B.

8:00 P. M. Boston harbor trip on S.S. Pilgrim Belle.

#### WEDNESDAY, JULY 23.

9:30 A. M. Tour of Arnold Arboretum.

10:00 A. M. Ladies' and juniors' trip to Concord, Lexington and Sudbury, with luncheon at the Wayside Inn.

1:30 P. M. A.A.N. General Meeting. Ballroom.

Roll call of delegates.

1:45 P. M. Review of committee activities, by Vice-president John A. Armstrong.

2:30 P. M. Address, "Fair Trade Practices," by Lowell B. Mason, Federal Trade Commission, Washington, D. C.

3:30 P. M. Address, "National Fruit Variety Trends Survey," by John T. Bregger, associate secretary, American Pomological Society, Clemson, S. C.

7:00 P. M. Annual past presidents' banquet. Ballroom.

#### THURSDAY, JULY 24.

10:00 A. M. A.A.N. General Meeting. Ballroom.

Board agenda.

Trade promotion program.

Trade practices committee report and bylaws changes.

11:00 A. M. Address, "Soil Conservation for Nurseries," by A. D. Slavin, chief of the regional nursery division, Milwaukee, Wis.

2:00 P. M. A.A.N. General Meeting. Ballroom.

Completion of board of governors' agenda.

Discussion and adoption of 1947-48 budget.

Report of necrology committee, by F. R. Kilner.

Election of executive committee and officers.



# Things to See and Eat at Boston

By William H. Clark

Nurserymen going to Boston for the seventy-second annual convention of the American Association of Nurserymen, July 21 to 24, will find themselves in the heart of one of the best vacation areas in the world—as well as in the section of the United States most rich in historical and literary interest.

When you say Boston, you say New England—for all of the six New England states are within an hour of the Hub. Of course, most Yankees have long since abandoned Rhode Island and Connecticut to New York. Denizens of those seceded states put tomatoes in their clam chowder and you cannot do that and be a Yankee. Still, both of these "abandoned" states have some spots of interest and an occasional bit of beauty.

According to tradition, New England starts at Boston, runs southeast down to the cape (that's Cape Cod to foreigners) and then west to the Berkshires, northwest to Vermont, north to New Hampshire and northeast to Maine.

As for Boston itself, a place of some 2,000,000 people and about forty cities and towns within sight of the golden dome of the sacred Statehouse, the diet of interesting places is so rich that it is almost impossible to see everything within a lifetime. Most Bostonians seldom look at anything not under their noses. It is only when they show outlanders around that they see what their city has to offer.

Near the Statler hotel are the public gardens and the Common. The gardens, growing on land filled in from what was a salt marsh a century ago, is at once the pride and the shame of Boston—the former be-

cause of its beauty and the latter because the style of planting has not been changed since Queen Victoria approved of carpet bedding. There is a duck pond in the center where there are swan boats in which one may ride.

The Common, beyond the gardens, is the essence of Boston. Set aside for popular use in 1630, it has often been the target of vandalism, but so far, it has escaped unscathed, save for a bit of chiseling here and there. Once someone ran a subway beneath an old cemetery there and thought to remove the bones without anyone being the wiser. The subway diggers did not get away with it.

On the Common, which anyone may use, even to pasture a cow if he has one, there are some lovely old trees, considerable grass without any "Keep Off" signs and various historical relics. A bandstand occupies the place where pirates, witches and thieves were once hung, but now anyone can stand up there and talk about anything he wants, and the police interfere only if a fight starts.

Across from the Common is the Statehouse, a "ham sandwich" of a red brick building with two white marble wings. There is much to see in the Statehouse, including the great and general court (legislature to aliens). On the northeast corner of the Common stands the Park Street church, famed for its preachers and also called "Brimstone corner" because on windy days when there is no dust for the "bad men's eyes as the breeze sends the ladies' skirts on high," Old Nick is said to join in the fun, making his presence known only by a whiff of burning sulphur.

Down Tremont street from this corner is the old Granary burying ground, with the graves of certain patriots of Revolutionary times. Just beyond is King's chapel with its more modern graveyard (only 200 years old). In the Revolution, British soldiers used King's chapel for a riding academy. A block farther along on Tremont street is Scollay square, which is the best known part of Boston—at least among sailors the world over.

Heading downhill out of Scollay square is the market section, which is interesting to see for its anachronisms and a few good restaurants. In

the heart of this section is Faneuil Hall, the "Cradle of Liberty," where much of the Revolution was organized. It is free to the public.

Still farther into the North End is Paul Revere's house (there is a fee for this one) and the Old North church close by, where the lanterns were hung which sent Paul on his famous ride.

Returning from the North End, one may go along Atlantic avenue, which is the water front, or back through the market into the financial section, which is State street. At the head of State street is the Old Statehouse, where the Boston Massacre occurred. This charming building has a subway entrance below and a grand museum above. Admission is free, and for a glimpse of colonial Boston you cannot see more in less time anywhere. There is also a collection of ship models, dating back to the time when the Chinese thought that the United States was a part of Boston because Boston ships were so abundant in Canton and Hong Kong.

Up Washington street is newspaper row, and just beyond, the Old South meeting house (free to the public) where patriots held town meetings and where the Boston Tea Party was organized. Upper Washington street is a good place to ignore for the pocketbook's sake, for here are the great department stores—Jordan's, Filene's and the rest. The ladies love them, as they do the block of women's specialty stores up a block on Tremont street.

Back to the Statler and going in the opposite direction, toward Coppley square, are Trinity church and the Public Library. One of the really



Bunker Hill Monument.



Revere House, Oldest in Boston.





View over Downtown Boston from the Charles River to the Harbor and the Atlantic Ocean.

great libraries in the world, it has also a fine collection of paintings.

On up Huntington avenue, out of Copley square, is a trio of places to see. Situated close together, they are Horticultural Hall, home of the Massachusetts Horticultural Society, the nation's largest, with the world's greatest gardening library; Symphony Hall, home of the world's greatest symphony orchestra, where the Pops originated, and the Christian Science church and publishing house. In the last-named, there is a gigantic glass replica of the world, inside of which you may walk and get an idea of what this planet looks like.

Beyond, up Huntington avenue, is one of the world's great medical centers with schools and hospitals, and also the Art Museum, which in itself is worth a visit to Boston. Still beyond is the Arnold Arboretum, described in the January 15 issue.

If you are scholastically minded, there are several schools, colleges and universities. Leading are two great institutions, Massachusetts Institute of Technology, where they turn out engineers, and Harvard, where they turn out educated men. Harvard's Yard is a gracious place; its library is one of the magnificent treasure houses of the world, and over in the museum—of interest to most people—are the famous glass flowers.

If you are literary-minded, near Harvard are the homes of Lowell and Longfellow, while at Concord are the

homes of Emerson, Alcott and Thoreau.

Incidentally, the convention has arranged for sight-seeing trips of Boston, Boston harbor and Lexington and Concord as well as the Arnold Arboretum. Luke May, of Lexington Nurseries, is in charge of this transportation, while Richard M. Wyman, of Wyman's Framingham Nurseries, is in charge of entertainment.

But, of course, Boston is only the beginning of New England, and if you have time, a few hundred miles of driving will give you a store of rich memories.

Southeast of Boston fifty miles is Plymouth, where the Pilgrims landed in 1620. There is much to see in that old town beside its bay. On beyond, another fifty miles, is Cape Cod, from Buzzard's bay to Provincetown. The cape, an elbow sticking out eighty miles into the Atlantic, is another world. You may go by boat from Boston to Provincetown, too, if you like—it's an all-day sail.

North of Boston, along the shore, is a string of historic and lovely places—Salem, rival of Boston in foreign trade once; Salem, where they hanged witches much more industriously than in Boston; Salem, with two excellent museums; Salem, of dignified and gracious living in the early 1800's, when its globe-girdling ships brought home the silks and spices of the Orient.

Next is Portsmouth, in New Hampshire, once great and still

lovely, and then on into Maine—a state where all the rest of New England could be lost. Maine has the charm of its granite headlands, its fir-covered islands, its many rivers and its deep forests and clear lakes. It's always cool in Maine, too, excepting once in a while.

Straight north of Boston is New Hampshire. You will have to pass through some cities, but they are worth enduring because beyond them are majestic lakes and, still beyond, the White mountains—really something. Cool, forest-clad, majestic, the White mountains are all that mountains should be. Washington itself, the highest peak east of the Rockies, can be climbed on foot, by car or by cograilroad (if it runs this year). From its summit, all six New England states may be seen—so they say. Usually you cannot—but the view is majestic!

Northwest of Boston is unspoiled Vermont. This state has more cows than people and more mountains than both put together, but it is green and gracious and a must on your list if you have time.

Massachusetts itself, once you get away from the miles of beaches, has also the Berkshires to offer. The Berkshires are sweet and gracious mountains and very charming. Two excellent motor roads cross them going west.

Down in Rhode Island is a city called Providence; it takes up practically all of the state, but there is

[Concluded on page 69.]

## A. A. N. Members in New England

On their way to the convention of the American Association of Nurserymen at Boston, members will travel from many directions, but they will pass through New England by one of the two highways established from colonial days, probably crossing the Hudson river either at Albany or New York city. By the northern route they will pass through the middle of Massachusetts and by the southern route they will journey through Connecticut and Rhode Island up to the Hub. The map on the opposite page

provincial days of the country's history were those in southern states, the descendants of the Pilgrim Fathers and other settlers of New England are among the best customers of nurseries. Having passed through pioneer days several generations earlier than more westerly states, New England produced many families either wealthy or well-to-do through commerce and industry. Their private estates were the most celebrated in years gone by, and their gardens rank in the forefront today. Because New England

know something about the A. A. N. members in New England, the latter have been invited to indicate the character of their operations and give other interesting information which may guide the travelers. Some of the small landscape operators excused themselves as having nothing to show but the equipment of their trade, while others were tied up at a late date catching up with orders delayed by the wet spring. In the following paragraphs, however, the principal nurseries of New England are briefly described.

### Adams Nursery, Inc.

Adams Nursery, Inc., Westfield, Mass., one of the oldest nurseries in New England, will celebrate its hundredth anniversary in 1949. Founded in 1849 by John Adams, then 21 years old, the nursery was started at Deering, part of Portland, Me. Mr. Adams' purpose was to furnish apple trees for growers who depended almost entirely upon local nurseries for their requirements.

The cold climate, however, soon convinced him that his chief problem was to save the trees from freezing. Winter frosts often destroyed the work of one or two years, and Mr. Adams decided that a move to a warmer climate would help, if not actually save, the business. In 1867 he moved the firm to Springfield, Mass., where it remained until 1912, when the present nursery at Westfield was purchased. In 1896, Walter and Charles Adams joined their father in the business.

At present, the fruit department is only a minor part of the total business. Located on Route 20, about six miles west of Springfield, the nurs-



Modern Building Opened by Rhode Island Firm a Year Ago.

shows that most of the A. A. N. members in New England are grouped about one or another of the larger towns and cities on these old traveled routes.

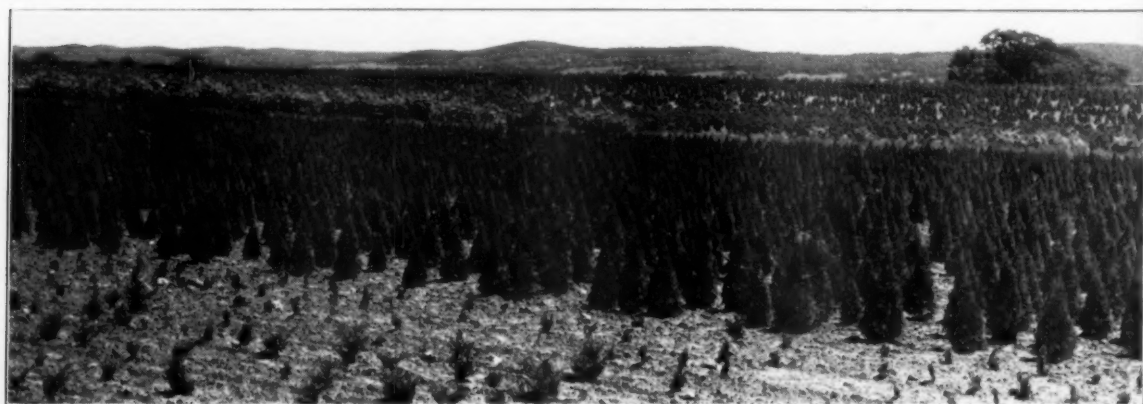
In their new automobiles, many A. A. N. members from other sections, free now from gasoline rationing, will make the most of their motor trip to the convention city, stopping to visit nurseries en route. The map on the opposite page will show at a glance the general direction of their travel to encounter the nurseries they wish to visit. Use it for general reference only, for it is not intended as a road map—that you should obtain from your automobile club or service station.

While the gardens celebrated in the

has so long been an area of settled communities, the number of nurserymen in a given number of square miles is probably higher than in most other states.

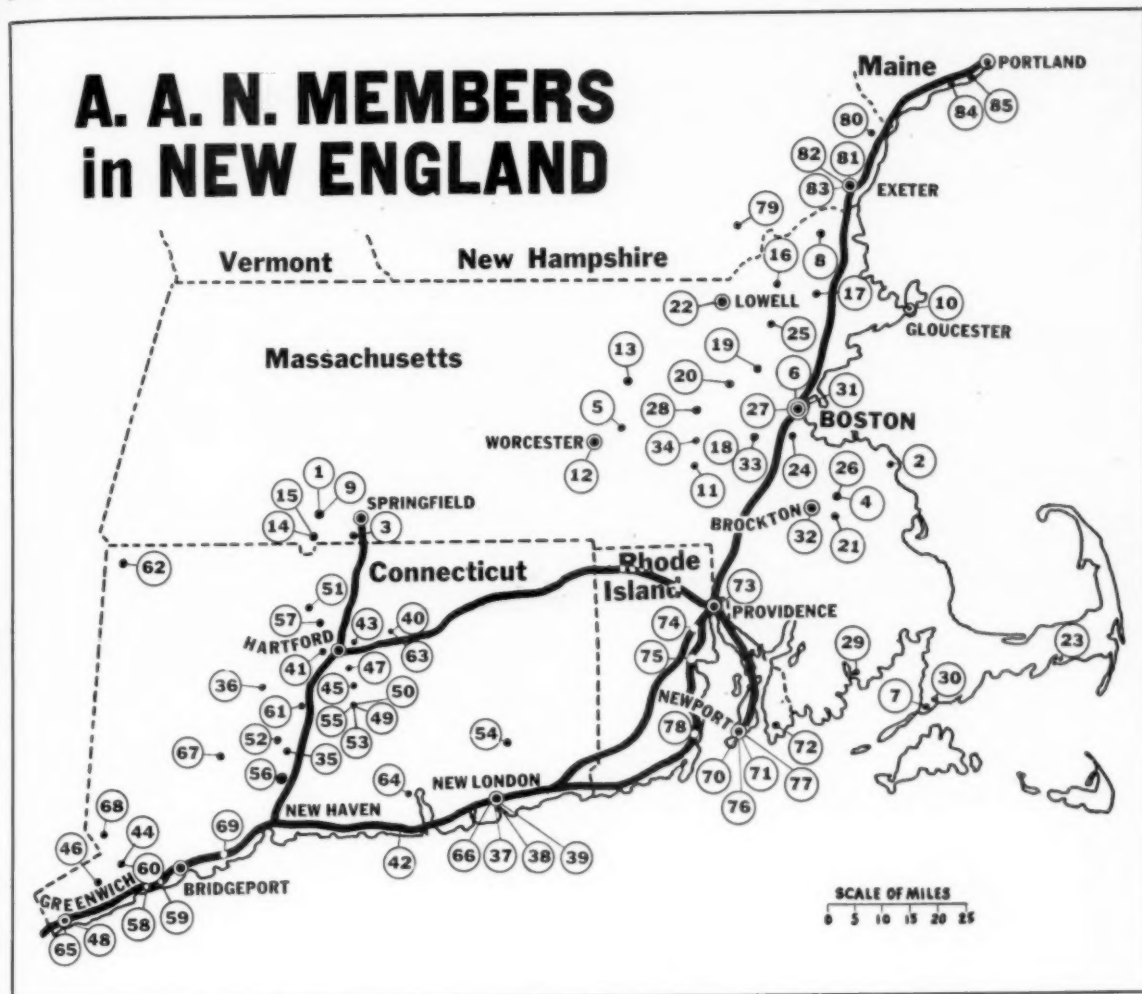
Virtually all types of nurserymen are to be found in this area, although the largest group is composed of those doing a landscape business. Not only will some of the larger operators of the country be found in this area, but smaller firms of this type are among the most enterprising, aggressive and businesslike to be found. Hence their operations and their establishments are worthy of study by fellow nurserymen, to whom the latchstring is out particularly this month.

So that convention visitors may



Fields of Evergreens at the Burr Headquarters Nurseries at Manchester, Conn.

# A. A. N. MEMBERS in NEW ENGLAND



## MASSACHUSETTS.

- 1—Adams Nursery, Inc., Westfield.
- 2—James R. Anderson, Greenbush.
- 3—Atwater Nurseries, Agawam.
- 4—Bay State Nurseries, North Abington.
- 5—Bigelow Nurseries, Northboro.
- 6—Joseph Breck & Sons Corp., Boston.
- 7—Cape Cod Nurseries, Falmouth.
- 8—Cherry Hill Nurseries, West Newbury.
- 9—J. J. Chesnicka Landscape Service, Westfield.
- 10—Corliss Bros., Inc., Gloucester.
- 11—Eastern Nurseries, Inc., Holliston.
- 12—Charles R. Fish & Co., Worcester.
- 13—Four Ponds Nurseries, Clinton.
- 14—Gillett Fern & Flower Farm, Southwick.
- 15—Griffin's Nursery, Southwick.
- 16—Heatherfells Nursery, Andover.
- 17—Kelsey-Highlands Nursery, East Foxford.
- 18—Landscape Service Co., Framingham.
- 19—Lexington Nurseries, Inc., Lexington.
- 20—Lincoln Nurseries, South Lincoln.
- 21—Littlefield-Wyman Nurseries, Abington.
- 22—McMannon's Nurseries Trust, Ltd., Lowell.
- 23—Mid-Cape Nurseries, West Dennis.
- 24—Milton Nursery, Milton.
- 25—North Wilmington Nurseries, North Wilmington.
- 26—Reardon Nursery, North Abington.
- 27—J. Shore Co., Chelsea.
- 28—Sudbury Nurseries, Inc., South Sudbury.
- 29—Van's Nursery & Landscape Service, Fairhaven.
- 30—Van Tol Nurseries, Teaticket.

- 31—Weston Nurseries, Inc., Weston.
- 32—White Landscape Service, Brockton.
- 33—Winslow Nurseries, Needham.
- 34—Wyman's Framingham Nurseries, Framingham.

## CONNECTICUT.

- 35—Barnes Bros. Nursery Co., Yalesville.
- 36—Bristol Nurseries, Inc., Bristol.
- 37—Brouwer's Nurseries, New London.
- 38—Jack Brouwer's Nursery, New London.
- 39—Peter Brouwer's Nurseries, New London.
- 40—C. R. Burr & Co., Manchester.
- 41—Peter Cascio Nursery, West Hartford.
- 42—Clinton Nurseries, Clinton.
- 43—East Hartford Nurseries, East Hartford.
- 44—Evergreen Nursery Co., Wilton.
- 45—Gardner's Nurseries, Rocky Hill.
- 46—Stephen Hay's Sons Co., New Canaan.
- 47—Robert F. Hutt Nursery, Glastonbury.
- 48—Kennedy Nursery, Greenwich.
- 49—Leghorn's Evergreen Nurseries, Cromwell.
- 50—Millane Nurseries & Tree Expert Co., Cromwell.
- 51—Mount Phillip Nursery, Weatogue.
- 52—North-Eastern Forestry Co., Cheshire.
- 53—A. N. Pierson, Inc., Cromwell.
- 54—Preston Nurseries, Norwich.
- 55—Prospect Nurseries, Inc., Cromwell.
- 56—E. D. Robinson Sales Agency, Wallingford.
- 57—Scott's Nurseries, Bloomfield.
- 58—Philo S. Shelton, Fairfield.
- 59—Southport Nursery, Southport.

- 60—South Wilton Nurseries, Wilton.
- 61—Sunny Border, Inc., Kensington.
- 62—Terhune Nursery, Salisbury.
- 63—C. L. Vanderbrook & Son, Manchester.
- 64—Van Heiningen Nurseries, Deep River.
- 65—Vasileff Nurseries, Inc., Greenwich.
- 66—Verkade's Nursery, New London.
- 67—Wayside Farm & Nursery, Naugatuck.
- 68—Woodcock Nursery Co., Ridgefield.
- 69—F. H. Woodruff & Sons, Inc., Milford.

## RHODE ISLAND.

- 70—Aquidneck Nurseries, Newport.
- 71—Boulevard Nurseries, Newport.
- 72—Brownell Roses, Little Compton.
- 73—East Providence Nurseries, East Providence.
- 74—Forest Hill Nurseries, Inc., Cranston.
- 75—Greenwood Nurseries, Inc., Greenwood.
- 76—Hoogendoorn Nurseries, Newport.
- 77—Rhode Island Nurseries, Newport.
- 78—J. S. & B. Tweed Nurseries, Jamestown.

## NEW HAMPSHIRE.

- 79—Benjamin Chase Co., Derry Village.
- 80—Peter Hughes, Dover.
- 81—Charles H. Williams Nurseries, Exeter.
- 82—Isaac L. Williams, Exeter.
- 83—L. E. Williams Nursery Co., Exeter.

## MAINE.

- 84—Braden Nursery, South Windham.
- 85—Wallace Nurseries, South Portland.



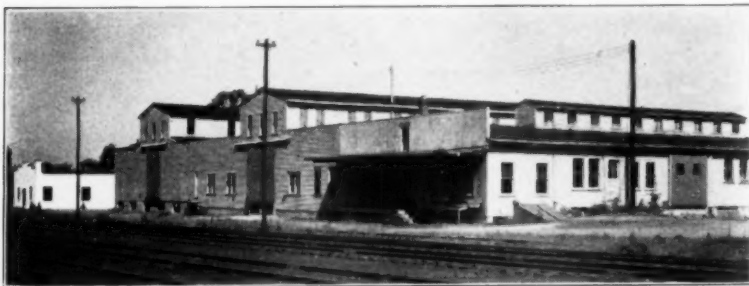
ery now grows mostly ornamental stock on its 200 acres and is known for *Daphne cneorum* and *Viburnum carlesi*. Several acres are devoted to evergreens, taxus predominating.

The management is under the general direction of Walter Adams, president. Floyd Oatman, a nephew of the third generation, is treasurer; E. M. Kling, secretary, and Albert Vanderbrook, superintendent.

Visiting nurserymen will be welcomed, and they will find Lester

pany gradually included these items in its line of nursery stock. A general line of fruit and ornamental nursery stock, including a large quantity of fine taxus, is now grown.

Joel P. Barnes has served as president of the Connecticut Nurserymen's Association and the New England Nurserymen's Association and as vice-chairman of the Council of Eastern Nurserymen. Albert Van Leuvan has been a member of the firm for fifty years.



Burr Storage and Packing Buildings at Manchester, Conn.

Needham, sales manager, and Mr. Vanderbrook ready to make their visit a pleasant one. Mr. Needham was president of the New England Nurserymen's Association in 1945 and served as vice-president the preceding year.

#### Atwater Nurseries.

The Atwater Nurseries, Agawam, Mass., were established by C. W. Atwater at Collinsville, Conn., in 1884 and were moved to Agawam in 1912. Mr. Atwater's son, Harold, joined his father as a partner in 1913, and the firm name was C. W. Atwater until 1939 when the founder died.

Now owned and operated by Harold C. Atwater, the nursery is considerably devoted to fruit trees and small fruits, particularly hybrid blueberries, but the greater portion of production is in landscape work.

#### Barnes Bros. Nursery Co.

For nearly sixty years, since its founding in 1890, the Barnes Bros. Nursery Co., Yalesville, Conn., has been one of the leading horticultural establishments in New England. From the beginning it was managed by the late John R. Barnes, and direction now continues under his son, Joel P. Barnes, who has been manager since 1930.

During the first thirty years of the nursery's existence, fruit trees constituted the chief crops. Thousands of large orchards were being planted in eastern New York and New England during this period. As the demand for ornamentals increased, the com-

The nursery is located on United States Route 5, halfway between Hartford and New Haven, and serves both the wholesale and retail trades in that area.

#### Bay State Nurseries, Inc.

Bay State Nurseries, Inc., North Abington, Mass., has been in business for fifty-three years and is located approximately eighteen miles south of Boston, halfway between Boston and Plymouth. Because it is not situated in a farming area, the nursery extends several miles. Perennials and a general line of stock are grown. Along with the general nursery sales, landscape work is done.

Windsor H. Wyman established the nurseries in 1894, on a little more than two acres of land. In 1933, when his two sons joined him in the consolidation of the business as the Bay State Nurseries, Inc., the land under cultivation had increased to 1,300 acres at Abington and the near-by towns of Rockland, Hanover and Halifax and 550 acres at Framingham and Natick. It was at this time that landscaping work was introduced into the business.

Associated in the firm with Donald D. Wyman, president, are Willard M. Bond, vice-president and landscape salesman; Harold D. Stevenson, secretary, who has been with the firm for seventeen years and heads the landscape department, and Clifford A. Packard, head of the propagating and perennial departments, who has been with the firm for over twenty years and is president of the Massachusetts Herb Society.

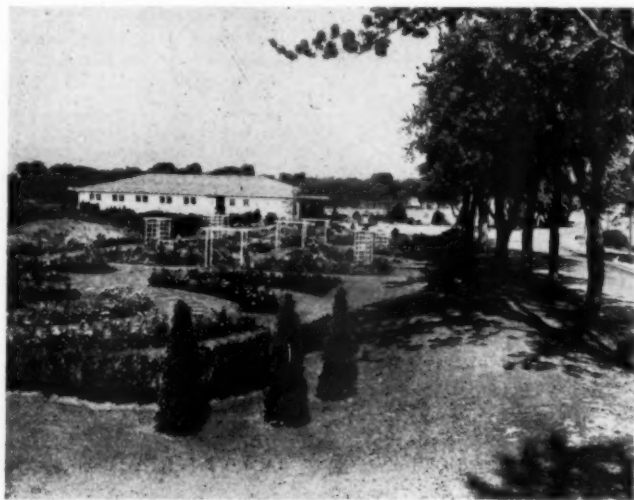
The Bay State Nurseries, Inc., was awarded the president's cup at the New England spring flower shows in 1946 and 1947. Mr. Wyman, a son of the founder of the company, is a past president of the National Landscape Nurserymen's Association.

#### Boulevard Nurseries.

The Boulevard Nurseries, Newport, R. I., were established in 1910 by Esau Kempenaar, a Hollander, and Frederick Christensen, a Dane. Both men are active in the business at the present time.

The nursery was begun on a small plot of ground in Newport proper, but has since moved its entire operation to Middletown, which is a sub-

[Continued on page 40.]



Display Grounds at Ipswich Nursery of Corliss Bros.



# Mail Order Nurserymen Meet at Chicago

Because the late season kept many members home to complete spring planting, the annual convention of the National Mail Order Nurserymen's Association June 19 and 20 at the Sherman hotel, Chicago, Ill., was marked by a smaller attendance than in the preceding two or three years, no more than fifty or sixty appearing out of a membership of over 120 firms.

In a morning and afternoon session June 19 and a morning session the following day, reports were heard from the committees appointed to report on stock conditions. The late planting and the wet weather caused these reports to be less definite than usual, but in most cases supplies were expected to be much in line with those of the season now closing, resulting in little fluctuation in price levels.

New officers elected for the ensuing year were: President, Rex Westhauser, Westhauser Nurseries, Sawyer, Mich., and vice-president, Clayton Bunting, Buntings' Nurseries, Inc., Selbyville, Del. Bert W. Keith, Keith's Plant Nurseries, Sawyer, Mich., was reelected secretary and treasurer.

The retiring president, Clifford Emlong, Emlong Nurseries, Stevensville, Mich., joins the board of directors ex officio. Under the new bylaws, six directors were elected: John W. Kelly, Kelly Bros. Nurseries, Dansville, N. Y., and Hugh Wolfe, Wolfe Nurseries, Stephenville, Tex., for one year; G. W. R. Baldwin, O. A. D. Baldwin Nursery, Bridgman, Mich., and M. B. Woodward, Neosho Nurseries Co., Neosho, Mo., for two years, and A. W. Krieger, Krieger's Wholesale Nursery, Bridgman, Mich., and George Rose, Henry Field Seed & Nursery Co., Shenandoah, Ia., for three years.

The foregoing slate was named by a nominating committee composed of Howard Scarff, Tom Kyle, A. E. Weston, Wayne Ferris and Howard W. Maloney.

Incorporation under the laws of Michigan had been effected during the past year, and the bylaws as revised for legal purposes were read by G. W. R. Baldwin and approved by vote.

Opening the meeting with a brief message, President Clifford Emlong expressed the view that there was little in the supply situation to warrant price reduction and he hoped

that costs could be stabilized to prevent much increase. In his report as secretary-treasurer, B. W. Keith, reported expenditures of approximately \$636 in the past year as against an income of about \$500, reducing the year-end balance from about \$300 to approximately \$160.

In the reports of regional representatives, Howard W. Maloney, Maloney Bros. Nursery Co., Dansville, N. Y. reported for the east that the spring season had been slow but good, shipping continuing into June. May orders made up for the lack of those received in March and April. He referred to the meeting of eastern mail order nurserymen held earlier in the month at Philadelphia, attended by forty or fifty persons, at which an organization was effected, with the election of G. Hale Harrison, Harrison Bros. Nursery, Berlin, Md., as president and Homer Kemp, Bountiful Ridge Nurseries, Princess Anne, Md., as secretary.

In the central region, said G. W. R. Baldwin, mail order nurserymen had variously reported all the way from an increase of twenty per cent to a decrease of twenty-five per cent, so that the average volume for all was probably the same as the preceding year. Many reported the cost per inquiry higher, since more advertising was done. Ornamentals and roses were in somewhat less demand. Some reported the demand better for small fruits and strawberries, while others reported it down. Demand for fruit trees was slightly off. The consensus seemed to be that if the trend for next season were downward in sales volume, it would be slightly so,

with prices the same or slightly lower.

In the south, said Hugh Wolfe, reports were more encouraging, his firm recording an increase of twenty-eight per cent. Mail order nurserymen there faced the coming season with enthusiasm, with a prospect of stable prices.

For the western region, Wayne Ferris, Earl Ferris Nursery, Hampton, Ia., reported the same or slightly better volume of business, at higher cost. Iowa nurserymen are optimistic about next year's business despite present floods, he concluded.

Closing the morning session, June 19, Leonard Condon, Condon Bros. Seedsmen, Rockford, Ill., thought that the ensuing year ought to bring a good volume of business, as gardening usually was more popular in a period of readjustment. He could see no signs of lower prices, because costs are up decidedly. Catalog inquiries are fewer, and advertising expense is greater. Competition is increasing from other fields, as radios, automobiles, etc., are being manufactured in greater numbers.

Reporting for the seed committee,  
[Continued on page 72.]

## REX E. WESTHAUSER.

Rexford E. Westhauser, manager of the Westhauser Nurseries, Sawyer, Mich., was elected president of the National Mail Order Nurserymen's Association, June 20, at Chicago, Ill.

A son of William Westhauser, founder of the nurseries, Rex Westhauser was born on the family farm near Sawyer, which is now part of the nursery property. The family operated the largest general store at Sawyer, and later, when William Westhauser became a fruit broker and founded the Sawyer Fruit Exchange, his son helped him in the business.

The nurseries were opened when the Westhausers began growing and selling fancy, heavy-rooted, quality plants. Rex Westhauser helped his father in every phase of the business—in the office and packing house and on the farms. Since the death of his father, he has managed the nurseries.

Mr. Westhauser attended the Western State Teachers' College of Michigan and the University of Alabama. He was married to the former Eugenie A. White in 1935, and they have three children, William Eugene, age 8; Rexalee Ann, age 5, and Sue Ellen, age one.



Rexford E. Westhauser.

# Open Diamond Jubilee Rose Garden

Celebrating the annual June rose festival of Jackson & Perkins Co., which each year has brought throngs of rose growers, both professional and amateur, to Newark, N. Y.—and the firm's seventy-fifth anniversary this year—a 15-acre diamond jubilee rose display garden was opened last month.

The new 15-acre garden is ideally located on a main road on the edge of the town of Newark and occupies a long rectangular strip of land between the road and a parklike slope that runs up to a residential section of the town. This slope has been landscaped with trees and shrubs, and its paths winding up from the rose garden make it easy for visitors to walk up the slope to gain an over-all picture of the garden.

Whether viewed from above or from some point in the garden, the display presents a beautiful picture. Beds four to five feet wide and from eight to twenty feet long, of rectangular, L and U shapes, are neatly arranged in modern designs to form a large U-shaped garden around a wide grass mall. The manner in which large crowds may walk through the garden and inspect the plantings at their leisure is further evidence of its well planned design.

Behind the closed end of the U is a large parking lot, and at one side are a small sales office and a salesyard for cash-and-carry business at the display garden. There visitors may purchase the varieties they have seen on display and put them directly into their cars in the adjacent parking lot. Experts of the Jackson & Perkins Co. staff were on hand at all times to answer any questions about the garden or roses.

At the opposite end of the garden are a pool and a fountain, and on top of a small terrace from which one may overlook the display a garden house has been built. In this attractive stone building with white trim, flower-arranging demonstrations were given during the festival afternoons and from it a number of radio programs were broadcast. The rectangular building turns in toward the garden at either end, so that, through its large plate-glass windows and French doors, those inside the house may clearly view the garden.

The variously shaped individual beds which make up the garden are planted with eight to ten bushes across. A few beds are planted with a single variety, but most beds contain several varieties; each is planted

separately in even rows. Low hedges of *Taxus brevifolia* have been planted to separate some of the beds from one another. The colors and shades have been expertly selected to blend well. The beds are numbered, and the varieties are clearly marked in each bed. In the entire garden there are more than 22,000 rose plants of several hundred varieties. There are hybrid teas, floribundas, climbers and tree roses. Some are the latest introductions, such as New Yorker, Golden Jubilee, Geranium Red and Chatter; others are well known varieties, such as Mirandy, Comtesse Vandal, McGredy's Scarlet and Signora.

The beds are irrigated by an underground pipe system especially installed by the Jackson & Perkins Co. Water is forced down pipes to a depth of about eighteen inches. A layer of gravel is beneath the soil.

A path runs completely around the garden. Along the side of the foot of the slope is a bed of perennials of all kinds. At the opposite side there is a large perennial garden.

Well displayed in the garden are four new roses to be introduced by Jackson & Perkins Co. in the fall. A hybrid tea of a warm buff color, which becomes more orange as the blooms open, has been named Dia-

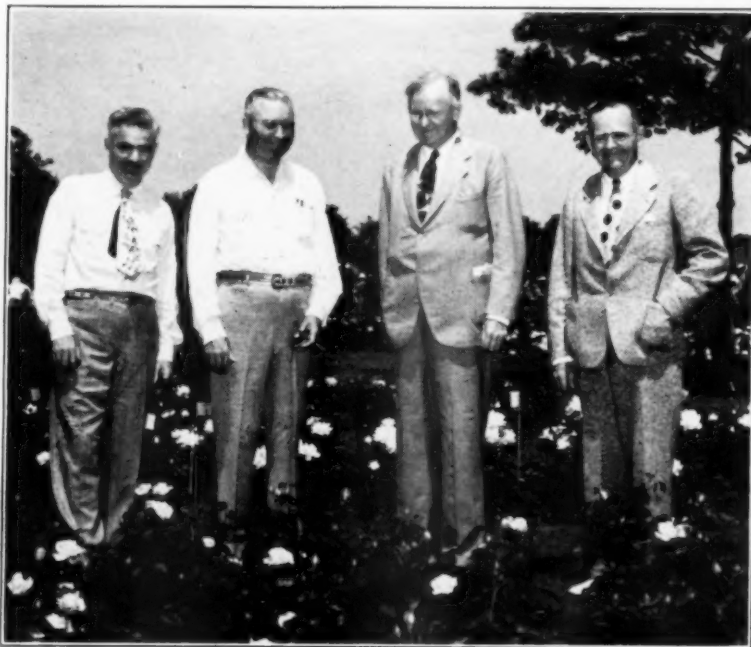
mond Jubilee, especially for the firm's anniversary celebration. The blooms are five to six inches across and are very double. As if to mark the occasion, this variety was blooming profusely in all its plantings during the festival in June.

Another new hybrid tea is New Yorker, a red rose which is not supposed to turn blue until its petals fall. The large blooms measure up to six and one-half inches across and have a raspberry-like fragrance.

The other new roses are two floribundas. One is called Red Pinocchio and is like Pinocchio in all respects except for its dark red color. The other has been named Geranium Red, because it looks and smells like a red geranium.

In contrast to the old rose display garden, the new garden contains only named commercial varieties. The old garden, located next to the rose greenhouses, will now be used only as a test garden. It now contains both named and new unnamed varieties, but all the named kinds are to be taken out. The old gardens had become so familiar to repeat visitors that it was thronged with visitors this year also.

In the greenhouses adjoining the test gardens Jackson & Perkins Co. is working on some new varieties and



Carroll, Clarence, Charles and Ralph Perkins in the new 15-acre rose display garden of the Jackson & Perkins Co., Newark, N. Y.

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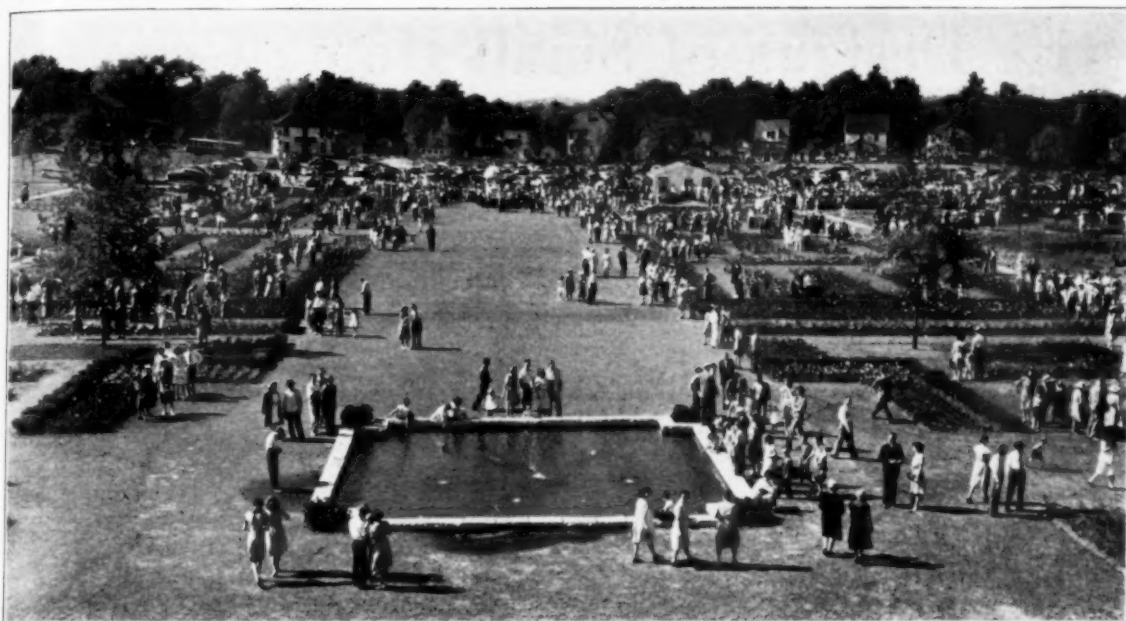
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The New 15-acre Diamond Jubilee Rose Gardens of the Jackson & Perkins Co., at Newark, N. Y.

has developed some striking new kinds. One is probably the bluest rose yet developed. As yet unnamed, it is of a soft odd orchid-blue shade. From one seed pot have come four different varieties from a single cross. Two of these have been named and were of considerable interest to those seeking new colors in roses. One, called Fashion, is a brilliant rich coral shade, and its sister, Vogue, is a unusual bright red. New European varieties are also being tested in the greenhouses and adjoining garden. This research work is under the direction of E. S. Boerner, who has been in a large part responsible for the new display garden. The plant research department was started in 1928 by J. H. Nicolas, a native of France who devoted his life to plant research and rose breeding. After the death of Dr. Nicolas, Mr. Boerner assumed complete charge of the research program. In addition to this plant-breeding program, Jackson & Perkins Co. is distributing agent for many of Europe's leading hybridizers.

While Jackson & Perkins Co. is the world's largest rose grower and the main offices are at Newark, N. Y., other kinds of nursery stock are grown and several branch nurseries are maintained. Fifteen farms around Newark total more than 3,000 acres. While most of this acreage is devoted to millions of rose plants, some of the farms are used for growing ornamental shade trees and shrubs, perennials and some fruit stocks, and several large blocks of evergreens.

In the San Joaquin and Livermore

valleys of California, the company has more than 1,000 acres for growing roses. Mostly budded roses for greenhouse forcing are grown there. This large branch was developed from an orange grove purchased in 1895 by C. H. Perkins and his brother, W. W. Perkins. Soon after the famous Dorothy Perkins and Crimson Rambler roses were developed at Newark and became so popular, additional acreage was purchased in California, where for years 500,000 each of Dorothy Perkins and Crimson Rambler were produced annually. Since 1920 1,000 acres at Shiloh, N. J., have been devoted to the growing of evergreens, azaleas and some other kinds of nursery stock for the wholesale trade. In 1944 a small tract of 125 acres was purchased at Richmond, Ind., where evergreens are grown.

Today a world-known nursery engaged in both the retail and wholesale business, the Jackson & Perkins Co. was developed from a modest beginning. It began as an informal partnership between Charles H. Perkins (an uncle of the present president) and his father-in-law, A. E. Jackson. Together they conducted a modest market gardening business and in 1872 propagated a few extra grapevines, which they sold to near-by nurserymen at Rochester and Geneva.

Through membership in the Western New York Horticultural Society, Mr. Perkins came into contact with pioneer nurserymen of the country, George Ellwanger and Patrick Barry.

Through the reading of H. B. Ellwanger's book, "The Rose," Mr. Perkins was inspired to grow rosebushes and other ornamental nursery stock. From that time rosebushes have been the specialty of the Jackson & Perkins Co. Previously Mr. Perkins was engaged in the nursery business only as a side line, but he then increased the nursery facilities, adding land and additional help for propagating and growing. In 1884 a German-trained rose grower who had also had training with Ellwanger & Barry, E. Alvin Miller, was employed to grow rosebushes on an extensive scale.

In 1882, Charles H. Perkins' son, George, finished college and became associated with the business. He made the nursery business his sole occupation and greatly expanded its scope. George Perkins was president of the firm until 1927, when the present head, Charles H. Perkins, became president. Charlie, as he is known to everyone, started with the firm in 1902. He has been prominent in the nursery industry for many years. In 1945 he was president of All-America Rose Selections, Inc. At Newark a brother, Ralph E. Perkins, is head of the sales department. Clarence Perkins heads the California branch at Pleasanton. Another younger brother, Carroll, is at New York city. The four brothers were present for the festival last month. It was the first J. & P. festival that Clarence has attended. He was accompanied from California by Mrs. Perkins.



# Prize Designs of Small Home Grounds

Following the publication, earlier in the year, of the designs which won first prizes in the regional competition for designs of small home grounds sponsored by the American Nurseryman and the National Landscape Nurserymen's Association, plans which were close runner-ups, for those awards have been appearing in current issues, each the recipient of an honorable mention and cash award. Readers of the magazine thus have a diversity of plans to study, both with reference to a particular zone and to the treatment of any one of the four styles of houses.

For the purposes of the contest, the country was divided into the five zones. Four types of small homes were selected as typical of those which are currently most likely to be in the favor of builders and prospective homeowners. For each of these

types—Cape Cod, colonial, modern and ranch—certain requirements were set up as indicative of the imaginary families which would inhabit them.

An important requirement of all contestants was the inclusion of a planting key which gives the names and quantities of all plants used in the designs. So each entry may be studied to advantage, first, for the character and features of the design and, second, for the plant materials included and their use.

Typical homes were selected for which the contestants designed landscape plans suitable for the average young to middle-aged American family in an average suburban residential community.

The modern style home was to be located on a lot 75x150 feet, with the drive from the front and the garage attached to the side of the house.

Required features were an outdoor living room, a game lawn for the family's only daughter and a vegetable garden.

A plan meeting these requirements, which won an honorary award for zone 3, was designed by Vincent N. Merrill, Watertown, Mass. The plan is shown on the opposite page, and the designer's comments appear below.

FLOYD V. NEWBURY has started the Newbury Landscape Service, at 2060 Brady avenue, Flint, Mich.

OTTO P. BLOXFORD, a graduate of the University of Wisconsin school of landscape architecture, is establishing an office at Greenville, S. C.

INTERMONT NURSERIES are the new firm name for the Western Allegheny Nurseries at Petertown, W. Va.

## MODERN STYLE HOUSE, ZONE 3.

Those who dislike modern architecture object to it on two counts. They say its simplicity is barren and harsh and that the large glass areas prohibit any chance for privacy within. For this reason modern homes are, perhaps more than traditional style homes, in great need of adequate landscape design. To provide the softening influence of plants around the house and to furnish the screen of plants or other material which reestablishes the castlelike quality of a man's home, these are basic needs. It is for the landscape designer to restore the privacy which the architect foregoes in opening his interiors to the out of doors. But if the walls of the home are to be fixed at the outer borders of the property, then the outdoor areas enclosed must have a degree of attractiveness and usefulness in keeping with the interiors.

Such is the philosophy upon which this design is based. The first thing about the plan that meets the eye is that the house does not parallel the street line. Although, as everyone knows who has had much to do with outdoor design, a variation from the rectangular is difficult to detect on the ground, this obliquity carries in the current instance definite benefits.

Without sacrificing more than the required land to setback, the living portion of the house is farther from the street. The space thus gained, designated as an entrance yard, serves to give a semiprivate outlook to the dining and living rooms. The area and the rooms themselves are screened from public view by an untrimmed lilac hedge extending along the easterly side and part of the street side of the lot. This informal screening and the horizontality of the architectural effect are extended by the use of an irregularly spreading white pine at the inside corner of the driveway and the sidewalk. A curvilinear flagstone walk to the front door and stepping-stones providing circulation from the driveway across the yard make even less obvious the deviation from the perpendicular.

## BY VINCENT N. MERRILL, WATERTOWN, MASS.

A dramatic but simple planting emphasizes the simple lines of the house with the vertical accent of a red cedar breaking the long line of the eaves. A sense of harmony in texture is derived from the small-scale foliage of the mountain ash, the honey locust and the white pine and from the horizontality of the latter two. The drying yard is screened, and the line of the house extended by a board fence reaching as high as the eaves in line with the garage.

In the same way that informality, a sense of flow, and space design have replaced formality, symmetry and axialism in the modern home, so too in the outdoor living areas of the property.

The porch, its extension in the paved terrace and the flower garden form a living space useful during the months that outdoor living is practicable and, with its predominantly evergreen planting, pleasant to look at the year around. The clipped arborvitae hedge forms a green wall along the property line, and upon leaving it tapers to the height of the raised pool coping. The end of the porch is altered to create a fireplace usable for outdoor cooking and eating or to take the chill off a late summer's evening.

The opening between house and pool furnishes a vista into the less cultivated more utilitarian game lawn. Here is ample space for family games like badminton and croquet, with a chance to watch from the side lines in the shade of the grape arbor off the end of the house. The periphery is planted with fruit trees and fruit-bearing shrubs, doubling for screen plants.

A tendency to raise the eyebrows over the idea of bedrooms overlooking a vegetable garden will be avoided if it is borne in mind what a delightfully interesting thing a vegetable garden can be both in sight and smell, and that the curse of the bare soil during the winter can be avoided through use of winter rye as a cover crop.

Vincent N. Merrill.



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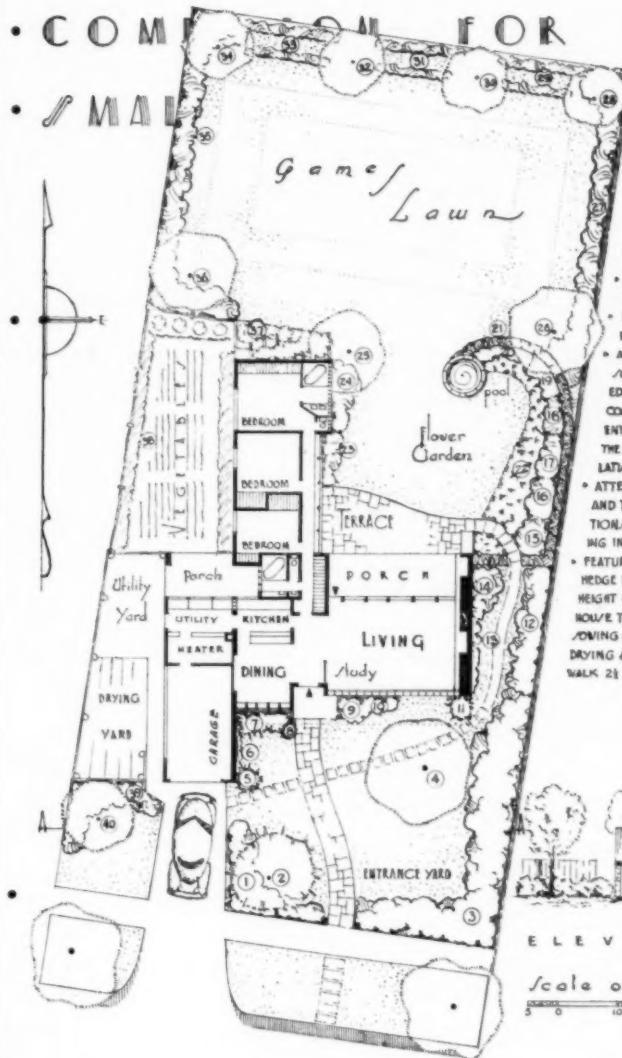
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# • COMMISSION FOR THE DESIGN • / MAJOR GROUND

SPONSORS N.L.N.A.  
AND AMERICAN NURSERMAN

## NOTES AND COMMENTS

- THE EFFORT IN THIS DESIGN HAS BEEN TO PROVIDE THE UTMOST IN INTEGRATION OF OUTDOOR AND INDOOR LIVING AREAS.
- BEYOND FURNISHING EXTENSION OF INTERIOR LIVING / SPACE / PLANT WALLS / SCREEN LARGE GLASS SURFACES FROM OUTSIDE VIEW.
- ANGLING OF HOUSE WITH LOT AND STREET, 70° / LIGHT AS TO BE " / CARCELY NOTICEABLE FROM ANY POSSIBLE VIEWPOINT, TAKE THE EDGE OFF THE RECTANGULARITY OF THE HOUSE AND PROVIDE CONSIDERABLY INCREASED SPACE BOTH IN FLOWER GARDEN AND IN ENTRANCE YARD WITHOUT / SACRIFICE TO SETBACK OR OF SCREENING THE YEAR-ROUND IMPORTANCE OF BOTH AREAS IN VIEW OF THEIR RELATION TO THE LIVING PART OF THE HOUSE / FAIRLY OBVIOUS.
- ATTENTION IS DIRECTED TO THE ADVANCE OF TRADITIONAL "AXES" AND TO THEIR REPLACEMENT BY MORE / SUBTLE / SPATIAL COMPOSITION / AND A / SENSE OF MOVEMENT VULUALLY INDUCED PARTLY BY PLANTING IN MAZZES, HARMONIOUS IN THEMSELVES AND WITH THE HOUSE.
- FEATURES / NOT EXPLICIT IN PLAN ARE THE TAPERING OF THE ARBORVITAE HEDGE FROM ITS / EAVE'S LINE HEIGHT ALONG THE PROPERTY LINE TO THE HEIGHT OF THE RAISED CORING OF THE POOL, MINOR ALTERATION OF THE HOUSE TO CREATE AN OUTDOOR FIREPLACE AT THE END OF THE PORCH, " / JOINING OF WINTER RYE IN VEGETABLE GARDEN, BOARD FENCE AROUND DRYING & UTILITY YARD / , / TONE GATE-POST / GUARDING THE ENTRANCE WALK 2 1/2 FEET HIGH.



ELEVATION - LINE A-A

Scale one inch equals sixteen feet



## • KEY TO PLANTING

BED NO	PLANT NAME	QUANTITY	BED NO	PLANT NAME	QUANTITY
1	Pyracantha coccinea lalandi	13	21	Thuja occidentalis pyramidalis - American Pyramidal Arborvitae	13
2	Pinus strobus - White Pine (irregular & spreading)	1	22	Perennials in variety	
3	Syringa vulgaris - Lilac (undipped hedge)	21	23	Viburnum carlesii	Mayflower Viburnum 3
4	Clethra tricanthos inermis	1	24	Azalea schlippenbachii	Royal Azalea 7
5	Taxus media bicolor	1	25	Malus sylvestris	McIntosh Apple 1
6	Euonymus radicans koreanus	3	26	Pyrus	Clapp Favorite Pear 1
7	Juniperus chinensis sargentii	5	27	Vaccinium	Cobot, Rancocas & Rubat Blueberries 19
8	Juniperus virginiana	1	28	Amygdalus pernica	Elberta Peach 1
9	Pieris japonica	1	29	Rubus	Indian Summer Raspberry 12
10	Pieris floribunda	3	30	Malus sylvestris	Dwarf Baldwin Apple 1
11	Taxus cuspidata capitata	1	31	Rubus	Blackberry 12
12	Ligustrum amurense	10	32	Pyrus	Dwarf Bartlett Pear 1
13	Amelops quinquefolia englemanni	2	33	Rubus	Boysenberry 12
14	Philadelphus coronarius	3	34	Amygdalus pernica	Golden Jubilee Peach 1
15	Rhododendron album elegans	2	35	Rubus	Ked Lake Currant & Champion Gooseberry 20
16	Kalmia latifolia	3	36	Prunus	Montmorency Cherry 1
17	Pieris japonica	4	37	Vitis	Concord & Delaware Grapes 4
18	Rhododendron carolinianum	2	38	Rosa	Climbing Rose (on Split-Rail fence) 6
19	Pieris floribunda	3	39	Cydonia japonica	Flowering Quince 11
20	Rhododendron villosa	4	40	Sorbus americana	Mountain Ash 1

## • DESIGNED FOR ZONE THREE

# Reports on Spring Landscape Business

Less optimistic reports regarding business the past spring come from nurserymen doing a retail business than those published in the two preceding issues from wholesale firms. The frequent rains interfered with planting operations, so that landscape orders could not be completed on schedule, and in some cases work was so far behind that bookings for spring had to be closed early.

Cash-and-carry sales were more affected by the unfavorable weather. Residential building proved less than was expected, with a consequent adverse effect on firms relying on home planting. Firms in the eastern states showed less optimism than those farther west. Perhaps there is some parallel in the report that the easterners found labor easier, while it was still inadequate in the western part of the country.

In spite of the unfavorable outcome of the season, for which the weather is held almost entirely responsible, most retail firms were gratified with the strong demand and the prospects for its continuation.

Following are reports from firms primarily engaged in landscape planting and in selling nursery stock at retail:

## Price Resistance in East.

A distinct resistance to current prices on the part of the New England public is reported by Homer K. Dodge, Landscape Service Co., Framingham, Mass. Commenting further on his firm's spring business, he writes:

"We have been fairly fortunate in New England in that we have had a fairly long season, and while we did have considerable rainfall, little of it interfered with doing some type of work in the landscape department. Rainy week-ends did hurt our cash-and-carry sales ground beyond any doubt, although since it is a new sales ground we have only last year's figures with which to make comparisons. The total volume is naturally much larger than last year's when we were not really fully in operation. The landscape volume seems to be about equal to last year's, although we have not prepared our statement for the spring quarter.

"There is distinctly a tendency on the part of the public to hesitate before spending, and while our total volume of business is about equal to last year's, it is made up of fewer large orders and more small orders. There has been some complaining

about prices, and a few people refused to buy at present prices, but in the main they grumbled and still made purchases.

"In regard to the help situation, common labor is fairly plentiful in our vicinity, although men qualified to act as planting foremen are scarce. Labor rates are high—judging from your columns, considerably higher than in other parts of the country. We are paying \$1 an hour for laborers, although we have some at 90 cents. I have noted in your columns that some nurseries are paying only 65 cents. Possibly our scale of wages is why we find common labor plentiful."

## Labor More Plentiful.

A greatly improved help situation plus a decrease in retail sales has characterized the spring season, according to a report from the Boulevard Nurseries, Newport, R. I. Alfred L. Angel writes:

"As for sales on our retail stand this spring and up to the present time, they have been small in comparison to prewar years and last year. We attribute this to two things—first, the cold and wet spring and, second, business, which we feel is tapering off. We have found people this spring to be cautious buyers.

"We here at Newport have had all the help we needed and to the extent that we could be choosy. This resulted in more work's being done per man. We were at least two weeks late with our planting, but were able to finish it without any disastrous results, as well as the transplanting, as the season has remained cool.

"For forty years Newport's principal industry was the naval torpedo station, and within the past year the personnel has been reduced to a maintenance basis. This no doubt enters into our help and retail stand situation.

"Our landscape plantings were finished earlier this year than usual, and no additional orders have come in. There are practically no new houses being constructed around Newport because of the reduction of personnel at the torpedo station, with the result that we are not doing so much new landscape work."

## Terms This Normal Year.

While reduced spending is offset by new customers, labor is a problem, reducing the volume of sales that

can be handled, as well as the profits. Yet this is a more nearly normal year than 1946, states Peter Cascio, of the Peter Cascio Nursery, West Hartford, Conn., who writes:

"It didn't seem as though we were doing very much this spring, but the results were surprisingly good.

"I would consider this a normal year. Last year was abnormal in that there was a great deal of work done that was neglected through the war years, and there seemed to be plenty of easy-earned money around.

"This spring our volume was twenty-two per cent less than last year's. This was mostly due to the tightening up in spending. While last year we used a good many trees on landscape jobs ranging from \$50 to \$150, this year we sold comparatively few in this category. Last year I was able to sell several hundred large capitata, cuspidata, repandens, hicksii and hatfieldii yews. This year we have sold very few.

"The factors that cut down on the volume of business in order of importance are: (1) Tightening up on spending; (2) late spring; (3) seventeen days of rain in May.

"There is a minor building boom here at West Hartford, but contractors are doing their own grading and seeding and shopping around for their plant materials.

"Real good landscape jobs are few and far between. However, the aggregate of small jobs (\$100 to \$500) sums up to as large a volume as in previous days. But the picture is not quite that good, because with the higher cost of labor and materials, the same volume can be reached by doing one-half to three-quarters as much work as in earlier years.

"The demand this year was for good material at not too high a price. I found many more people becoming plant-conscious, wanting showy flowering plants such as azaleas and rhododendrons. We are putting in gardens for people who never had them before and who are just beginning to appreciate plants. Our good old conservative customers are spending less and less, mostly because their incomes are so reduced by taxes.

"This has been the worst year to obtain adequate labor. Labor seems to be restless. Real hard-working laborers are practically nonexistent. More and more what profits are made are eaten up by labor overhead.

"Sales on the nursery were greater than last year and would have been

JULY 15, 1947



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EVERGREEN SPECIALISTS - LARGEST GROWERS IN AMERICA

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To Our Trade Friends:

We have not yet sufficiently recovered from the "Great Deluge" to complete our inventory of the stock to be offered for sale this fall. This, however, should be accomplished shortly, and at that time a new Wholesale Catalog will be prepared and readied for mailing.

Of course, you know that we are looking forward to seeing all of you at the Boston convention. Our representatives will be glad to discuss Fall-delivery Evergreens with you at that time.

Yours very truly,

D. Hill Nursery Company

greater yet if we had had salesmen enough to take care of the several cars that would drive in at one time."

#### Sales Up in New York.

Despite the bad weather conditions of the spring, Howard C. Taylor, proprietor of the Rosedale Nurseries, East View, N. Y., reports that sales have been better than last year. He writes:

"Spring business has been unusually good this year, particularly the cash-and-carry business. A noticeable trend in the landscape business was toward a large number of small plantings. Some resistance was noticed in the larger plantings.

"Rainy, cold week-ends persisted throughout the season, but this apparently failed to discourage most planters, and sales even topped last year's. Professional landscape architects were more active than in many years.

"A constant increase in demand is shown for the better types of dwarf ornamental material, while the demand for fruits and quick-growing shrubs is somewhat off.

"An interesting development this spring was the increase of cash-and-carry business during the three weeks of the telephone strike. In our area we were completely without telephone service, and this had no adverse effect, but appeared to increase the size of orders and saved many deliveries."

#### Weather Cuts Sales.

While the wet and cold weather delayed completion of booked orders, it also made June an extra month of spring planting for the Farr Nursery Co., Weiser Park, Pa. C. M. Boardman, president, writes:

"Our spring season got under way very late here in Pennsylvania. The usual customer spring urge to get out in the garden was greatly dampened by cold and wet weather throughout April and well into May. We lost an average of two days a week throughout the spring planting season.

"While our sales report, June 1, showed an increase in booked orders over 1946, the record of completed business showed a decrease. Most nurserymen that I have talked to in this area report the same conditions. I believe the cash-and-carry department showed-up badly as a result of bad weather, although some of this decrease may be because of the slowing up of the small buyer in all lines of trade. As they say, 'There is always a silver lining,' and the continued cool weather and frequent showers have made June an extra

# The South

# Moves!



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Telephone 2689 GENEVA, N. Y.

month of spring planting. Most nurserymen here were still actively planting last month. The spring growth in the nursery has been excellent. Lining-out and transplanting losses are low.

"We have noticed an increase in the larger-size orders. Most of this work has been on older properties which have changed hands, or on  
[Continued on page 76.]

#### FOR EARLY FALL 1947

1000 *Taxus Cusp. Capitata*, in sizes from 18 to 24 ins. to 3 to 3 1/2 ft. (Broad chunky specimens.)

3000 *Thuja Occid. Pyramidalis*, in sizes from 2 1/2 to 3 ft to 3 1/2 to 4 ft.

Many other varieties of evergreens in salesyard sizes.

Superior balling.

Digging starts August 18.

No boxing.

By truck only.

#### SHEPARD NURSERIES

Skaneateles, N. Y.

#### PRONOUNCING DICTIONARY of Plant Names

64 pages, 3000 names, 25c per copy

American Nurseryman

Chicago



# SUPERIOR QUALITY *and* SERVICE FOR **72** YEARS!

## Attend the A. A. N. CONVENTION AT BOSTON! July 21 to 24.

The war is over, but many of our troublesome problems still exist. You need information about the availability of stock, price levels, legislation and other factors that influence your profits. Many of the answers can be found in the interesting meetings at the Boston Convention.

As usual, Mount Arbor will be well represented by:

E. S. Welch  
Harold S. Welch  
George L. Welch  
Wayne N. Welch  
Pete Koontz  
Jim Phifer

Field estimates should be available and new prices ready. Bring your Want Lists and let us figure on all your requirements. Look us up at the Hotel Statler, beginning Saturday, July 19.



ESTABLISHED 1875

# Mount Arbor Nurseries

• SHENANDOAH IOWA •

*One of America's Foremost Nurseries*

E. S. WELCH, President • H. S. WELCH, Vice President • G. L. WELCH, Mgr., Wholesale Sales

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# BUNTINGS'

## ASPARAGUS, RHUBARB, HORSE-RADISH

We are the largest growers of garden roots in America. Get our quotations whether you need a thousand or a million. Plan to visit us sometime this summer and inspect the stock.

## BUNTINGS' NURSERIES, INC.

Box 3

Selbyville, Delaware

# ORIENTAL SEEDS — HERBST BROTHERS

92 Warren St., New York 7, N. Y.

Should be available for next sowing. Restrictions on trade with the ORIENT are being eased. We are hopeful of importing the undernoted.

Advise us on quantities wanted. The military authorities will fix prices. As soon as they are determined, we will advise.

You may then cancel if prices are unsatisfactory. Import regulations are continually changing and involve much detail. We will do our best to serve you.

## FRUIT and ECONOMIC PLANT SEEDS

CASTANEA mollissima  
CINNAMOMUM camphora  
DIOSPYROS

japonica  
kaki  
lotus

ERIOBOTRYA japonica, improved  
JUGLANS

regia sinensis. Chinese Walnut  
sieboldiana. Japanese Walnut  
sieboldiana cordiformis

PYRUS

serotina. Wild Japanese Pear  
ussuriensis (wild)  
ussuriensis (cultivated)

PICEA

glehni. Sakhalin Spruce  
jezoensis. Yeddo Spruce  
jezoensis hondoensis  
polita. Tigertail Spruce

PINUS

densiflora. Japanese Red Pine  
koraensis. Korean Pine  
parviflora (pentaphylla)  
pumila. Creeping Pine  
tabulaeformis. Chinese Pine  
Tanyosho. Japanese Table Pine  
thunbergi. Japanese Black Pine

PODOCARPUS

macrophyllus  
nagi  
SCIADOPITYS verticillata  
TAXUS cuspidata  
THUJA  
orientalis  
orientalis compacta  
TORREYA nucifera  
TSUGA  
diversifolia  
sieboldi

## OTHER TREE and SHRUB SEEDS

ACER

palmatum, small-seeded  
palmatum, large-seeded  
palmatum atropurpureum.  
Bloodleaf Japanese Maple  
palmatum atropurpureum dissectum

BERBERIS thunbergi

CAMELLIA

japonica  
japonica, double-flowering,  
mixed colors

sasanqua

CARPINUS japonica

CATALPA biampteri

CELASTRUS

orbiculata

CERCIDIPHYLLUM

japonicum

CERCIS chinensis

CLEMATIS paniculata

CORNUS kousa

ENKIANTHUS

campanulatus

japonicus

EUONYMUS

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ILEX

crenata

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KERRIA japonica

MEET US AT THE BOSTON CONVENTION

## CONIFEROUS SEEDS

ABIES

homolepis, Nikko Fir  
mariesi  
sachalinensis  
veitchii

CEPHALOTAXUS drupacea

CHAMAECYPARIS

obtus. Hinoki Cypress  
pisifera. Sawara Retinospora

CRYPTOMERIA japonica

CUNNINGHAMIA lanceolata

JUNIPERUS

chinensis

japonica

rigida

LARIX

dahurica. Korean Larch  
leptolepis. Japanese Larch

AKEBIA

lobata. Three-leaf Akebia  
quinata. Five-leaf Akebia

ALBIZZIA julibrissin

AMPELOPSIS

heterophylla

tricuspidata (veitchii)

ARDISIA

crenulata

japonica

ATCUBA

japonica

japonica variegata

AZALEA

hinodegiri

indicum (macranthum)

japonica (mollis)

kaempferi

kurume, mixed colors

schlippenbachii

LAGERSTROEMIA indica

LIGUSTRUM

thota

japonicum

LONICERA japonica

MAGNOLIA

conspicua (Yulan)

kobus

MELIA azedarach

NANDINA domestica, red

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PITTOSPORUM tobira

RHAMNUS davurica

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RHODOTYPUS kerrioides

ROSA

multiflora

multiflora Thornless

SKIMMIA japonica

SOPHORA japonica

STAPHYLEA bumalda

STERCULIA platanifolia

STEWARTIA

monadelphica

pseudocamellia

STYRAX

japonica

obusilla

SYMPLOCOS paniculata

TILIA japonica

VIBURNUM

carlesii

dilatatum

odoratissimum

sargentii

sieboldi

VIBURNUM

tomentosum

wrightii

WISTARIA

multi-juga blue

multi-juga white

sinensis blue

sinensis white

## EARLY-MATURING FRUIT TREE SEEDS

### ORDER NOW

Delivery Soon After 1947 Harvest

PRUNUS

	1/4 lb.	lb.
americana. American Plum	\$0.65	\$1.75
avium. Mazzard Cherry	.40	.95
cerasifera. Myrobalan Plum	.70	1.85
mahaleb. Mahaleb Cherry—IMPORTED	.65	1.75

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STYRAX

japonica

obassia

SYMPLOCOS paniculata

TILIA japonica

VIBURNUM

carlesii

dilatatum

odoratissimum

sargentii

sieboldi

VIBURNUM

tomentosum

wrightii

WISTARIA

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multi-juga white

sinensis blue

sinensis white

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avium, Mazzard Cherry ..... .40 .95

cerasifera, Myrobalan Plum ..... .70 1.85

mahaleb, Mahaleb Cherry—IMPORTED ..... .65 1.75

Terms as per our Catalog.

Garden Center of Greater Cleveland, consultant.

The mist spraying of trees will be featured, as well as spraying materials and specialized applications. Field demonstrations and commercial exhibits numbering fifty will be more diversified than at any previous conference.

Headquarters for the 1947 convention will be the Hotel Cleveland.

Among those to appear on the program are Dr. S. F. Potts, United States Department of Agriculture, chief exponent of mist spraying of trees, and Dr. Henry T. Skinner, of the Morris Arboretum, Philadelphia, Pa., who will speak on exotic and rare species of trees.

A special session will be held on city forestry, with emphasis on the problems growing out of noxious industrial fumes and their effect on metropolitan tree growth.

#### BOBBINK GOLDEN WEDDING.

The golden wedding anniversary of Mr. and Mrs. Lambertus C. Bobbink was held at their home, Azalea Ridge, East Rutherford, N. J., June 23. The home was beautifully decorated with plants and flowers. Almost 100 friends were present. The couple were the recipients of many congratulatory messages and gifts, including a new Buick Roadmaster sedan, presented to them by Mr. Bobbink's business associates.

Mrs. Bobbink (nee Gertrude Schmidt) was born at Hoboken, N. J., and was educated at the Hoboken Academy. Now in his eighty-second year, Mr. Bobbink, founder and president of Bobbink & Atkins, came to the United States from Holland in 1895 to look over the possibilities of establishing a sales outlet for nursery stock in this country. After traveling considerably, he returned to Holland and then in 1896 again crossed the Atlantic and purchased a small piece of land on Meadow road, Rutherford.

In 1896 the late Frederick L. Atkins joined in the partnership, thus establishing the firm of Bobbink & Atkins. Larger acreage was secured at East Rutherford, where the present home office and greenhouses are located. Large tracts later were acquired at Clifton, where the nurseries are still located.

HENRY H. JACKSON, JR., and Robert W. Jackson have started in the nursery business at Attleboro, Mass., as Jackson Bros. Landscape Service.

## BUNTINGS'

ARE HEADQUARTERS  
FOR HIGH-QUALITY STRAWBERRY PLANTS  
AT REASONABLE PRICES.

Strawberry plants are a specialty with us. We have a separate organization, storage and packing department set up exclusively to handle Strawberry orders. Our modern cold-storage plant assures good dormant plants for late orders. Ask for our pack-out proposition if interested in having plants shipped direct to your customers.

## BUNTINGS' NURSERIES, INC.

Box 3

Selbyville, Delaware

## RED-LEAVED BARBERRY

Fall 1947—Spring 1948

	Per 100	Per 1000	Per 1000	Per 1000
		1 to 5000	5 to 25,000	25,000 up
3 to 6-in. seedlings . . . .	\$ 3.50	\$ 27.50	\$ 23.50	\$22.00
6 to 9-in. seedlings . . . .	5.00	42.50	40.00	37.50
9 to 12-in. seedlings . . . .	8.75	80.00	75.00	....
9 to 12-in. transplants. . .	13.50	115.00	100.00	....
12 to 15-in. transplants. . .	20.00	175.00	150.00	....
15 to 18-in., 3-yr. trans. . .	25.00	225.00	200.00	....
18 to 24-in., 3-yr. trans. . .	32.50	300.00	270.00	....
2 to 2½-ft., 3-yr. trans. . .	50.00	400.00	....	....

### FAIRVIEW EVERGREEN NURSERIES

Fairview, Pa.

## MAXWELL, BOWDEN & RICE,

Incorporated

Wholesale Nurseries

GENEVA, NEW YORK

Phone 2974

## KOREAN PINE (Nut Pine)

For PARKS and ESTATES

12 inches to 7 feet.

ELFGREN NURSERIES

East Killingly, Conn.

### EVERGREEN LINERS

TAXUS, many varieties.

Potted liners.

Ask for our latest price list.

HEASLEY'S NURSERIES

Freeport Road,

Butler, Pa.

### PRIVET and BERBERIS

Splendid Stock

Write for Special Quotations

LESTER C. LOVETT

MILFORD

DELAWARE



# FRUIT TREE SEEDLINGS

## Mahaleb Seedlings Available

Mahaleb—400,000	Per 1000
1/4-in. and up.....	\$28.00
No. 1 .....	26.00
No. 2 .....	20.00
No. 3 .....	15.00

## Other Fruit Seedlings

Pear—350,000	Per 1000	Myrobalan—235,000	Per 1000
1/4-in. and up, straight.....	\$28.00	1/4-in. and up.....	\$28.00
No. 1, straight.....	25.00	No. 1 .....	26.00
No. 2, straight.....	18.00	No. 2 .....	20.00
No. 3 .....	14.00	No. 3 .....	15.00
 Apple—250,000		 Mazzard—26,000	
1/4-in. and up, straight.....	30.00	1/4-in. and up.....	28.00
No. 1, 3/16 to 5/16-in., straight	25.00	No. 1 .....	26.00
No. 2, 2/16 to 3/16-in., straight	18.00	No. 2 .....	20.00
No. 3, about 2/16-in.....	12.00	No. 3 .....	15.00

All indications are that certain varieties of seedlings will be in limited quantities this season. We suggest an early order to insure getting your requirements.

All prices quoted are F.O.B. Manchester, Conn. See our representative at the Boston Convention or ask for our wholesale salesman to contact you.

## C. R. BURR & COMPANY, Inc.

**Manchester, Conn.**

*"Growing Since 98"*



## OBITUARY

### Ira J. Cummings.

Ira J. Cummings, owner of the Lady Loraine Nursery Co., 215 South Grant street, West Lafayette, Ind., died suddenly June 11, of coronary thrombosis, at the Maywood hotel, Maywood, Ill., where he stayed while there on business. Burial was at Shenandoah, Ia., which was his former home.

Mr. Cummings was born on October 30, 1890, near Randolph, Fremont county, Iowa. He was graduated from the Shenandoah high school in the class of 1908 and attended Cornell Musical Conservatory, at Mount Vernon, Ia.

His early professional experience was in the field of music and radio, but for the past ten years he had been in the nursery business, covering the entire eastern part of the United States and part of Canada. His friendly personality attained for him many friends throughout his life and contributed greatly to his success in the business field.

In his youth he was a member of the Methodist church, and in 1940 he was baptized a member of the Reorganized Church of Jesus Christ of Latter Day Saints.

He is survived by his widow, Mrs. Gladys Cummings; two sons, Robert and James; a daughter, Mrs. Loraine Pereida, and a granddaughter, Barbara Anne Pereida.

### Steven Horvath, Sr.

Steven Horvath, Sr., of Steven Horvath & Sons Nursery, Painesville, O., died June 20 at his home after a brief illness.

Mr. Horvath, who was 63 years old, was born at Kony Gyor, Hungary, and moved to Painesville in 1905. In 1920 he established his nursery business there.

Survivors include his widow, Mrs. Margaret Horvath; three sons, Steven, Jr., Joseph and James; a sister in Hungary, and four grandchildren.

### John W. Akers.

John W. Akers, formerly with the Akers & Weltman Nursery Co., Fort Worth, Tex., died at Fort Worth last month. He was 65 years old.

Mr. Akers lived most of his life at Fort Worth and was a nurseryman there for thirty years. He had spent a great deal of time planning the beautification of highways, and since his retirement from active business several months ago, he had been pro-

## LINING-OUT STOCK

20,000 quality Evergreens including 5,000 Upright Yew from prewar Japanese seeds, all from field beds.

<b>Picea pungens (Colorado Spruce)</b>	Per 100
6-year, XX, 6 to 8 ins.	\$25.00
6-year, XX, 8 to 10 ins.	33.00

<b>Taxus cuspidata Capitata (Upright Yew)</b>	
6-year, XX, 8 to 10 ins., sheared	50.00
6-year, XX, 10 to 12 ins., sheared	65.00
6-year, XX, 12 to 15 ins., sheared	85.00

<b>Tsuga canadensis (Canada Hemlock)</b>	
6-year, XX, 9 to 12 ins., sheared	40.00
6-year, XX, 12 to 15 ins., sheared	50.00
5-year, X, 6 to 9 ins.	22.00

<b>Picea excelsa (Norway Spruce)</b>	Per 1000
3-year, X, 3 to 6 ins.	\$50.00

## 2 CHOICE PERENNIALS

20,000 plants reduced for Fall clearance.

<b>Hemerocallis Kwanse Floreplena</b>	Per 100	Per 1000
1-year, field plants	\$ 8.00	\$ 60.00
2 and 3-year, heavy clumps	12.00	100.00
<b>Iris Kaempferi</b>		
Field plants of choice varieties, mixed colors	15.00	140.00

Beetle certificate furnished. Free packing.

Cash with order, please.

**BROOKFIELD GARDENS, Delaware, N. J.**

You and your friends are cordially invited to call at—

## BROWNELL ROSE RESEARCH GARDENS

Little Compton, R. I.

to see on display old-established plants of

## SUB-ZERO HYBRID TEAS

and

## HARDY CLIMBERS

See the men budding them and the school girls and college girls hybridizing them, work that for 35 years has sought roses that will live for decades, even where winters are cold.

**Directions**—Go to Fall River, then to Little Compton (Sakomet), R. I., and then get out at the house. It is about a 2-hour run from Boston, and 1 hour from Providence.

## CANADA HEMLOCK

Transplants

	100	1000
6 to 8 ins., 1-yr. tr.	\$15.00	\$120.00
6 to 8 ins., 2-yr. tr.	18.00	150.00
8 to 12 ins., 1-yr. tr.	18.00	150.00
8 to 12 ins., 2-yr. tr.	20.00	180.00

Trade list on request.

**ISAAC LANGLEY WILLIAMS**

P. O. Box 352

Exeter, N. H.

## KOSTER NURSERY

Bridgeton, N. J.

## Balled and Burlapped

Yes, we do have balled and burlapped stocks. Not large quantities, but what we have is good in *Taxus cuspidata* spreading, *Taxus hicksi*, *Ilex opaca* and some other varieties. May we send you particulars?

## HEMLOCKS

KALMIA, RHODODENDRON, AZALEA

CURTIS NURSERIES

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NEW YORK

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For your Quality Evergreens

We specialize in yews, from lining-out sizes to specimens for high-class landscape work. We also grow a quality line of various other hardy evergreens. See us at the convention or write for prices.

**LEGHORN'S EVERGREEN NURSERIES**  
Geer Street, Cromwell, Conn.

# BUSINESS BUILDERS

## *For 1947-48*

Look over this list carefully. Some items are back on the market for the first time in several years.

### ROSE ACACIA STANDARDS

### GLOBE LOCUST STANDARDS

### ORNAMENTAL PLUMS

Blireiana

Cistena

Newport

Thundercloud

Triloba

### HARDY FRUITING ALMONDS

### HARDY VINES

American Bittersweet  
(Fruiting Strain)

Clematis Paniculata

Boston Ivy

Engelmann Ivy

Silver Lace-Vine

Purple Wistaria

### HARDY LILIES

### FALL BULBS

### EARLY HARVEST BLACKBERRIES

### RHUBARB

### EVERGREENS

### FRUIT TREES

Apples

Apricots

Cherries

Nectarines

Peaches

Pears

Plums

### FLOWERING SHRUBS

Beauty Bush

Butterfly Bush

Flowering Quince

Pussy Willow, American

Pussy Willow, Blue Leaf  
(and many others)

### ROSES

### WEeping WILLOWS

Niobe

Thurlo

Wisconsin

### LOMBARDY POPLAR

### CHINESE ELM SEEDLINGS

### RUSSIAN OLIVE SEEDLINGS

For further information and prices write

## THE WILLIS NURSERY COMPANY

Represented at Boston by H. S. Crawford

OTTAWA, KANSAS



moting the plans of planting Texas bluebonnets along the highway between Dallas and Fort Worth.

John Akers is survived by his widow and one son, John, Jr., who is also in the nursery business.

#### SOUTHWESTERN NEWS.

David Lake, president of Lake's Shenandoah Nurseries, Shenandoah, Ia., is now the possessor and pilot of a new Beechcraft Bonanza 4-place plane. It is just about the latest word in private planes. It has a variable pitch propeller, landing lights, heated cabin, 2-way radio and luxurious upholstery. The plane, which is powered with a 165-h.p. motor, can cruise at 150 to 175 miles per hour or faster, if there is a good tail wind. Mr. Lake flew the plane to Tyler, Tex., recently, when he went there to look over the roses. Robert Molison, vice-president of the company, is learning to fly the plane, and there is a rumor that Mrs. Lake is also training to be a pilot.

About thirty-five persons attended the meeting of the Association of Kansas Landscape Architects June 15 at Ottawa. It was the first meeting held since 1943. After dinner at the North American hotel, there was a short business meeting at which President Lawrence L. Kelly, of Wichita, presided. Officers elected for the ensuing year were: President, Lloyd Copenhaver, Topeka; vice-president, Howard Jameson, Topeka, and secretary-treasurer, Miles George, Wichita. Following the business meeting, the visitors were taken on a short trip through the nurseries of the Willis Nursery Co.

A. E. Willis, Willis Nursery Co., Ottawa, Kan., and George Skinner, J. H. Skinner & Co., Topeka, Kan., attended the Oklahoma State Nurserymen's Association convention at Tulsa, June 26 and 27.

A heavy hailstorm the night of June 24 destroyed most of the glass in the new greenhouse of the Prairie Gardens Nursery Co., McPherson, Kan. J. J.

#### LOUISVILLE MEETING.

The Louisville Retail Nurserymen's Association held its monthly meeting June 11 at Preston Kunz's restaurant, Louisville, Ky. Elmo Wilson showed motion pictures of the Kentucky Beekeepers' Association, while Herman Wallitch narrated. Mr. Wallitch, who is an active member of the nurserymen's association, is president of the beekeepers' organization.

## VISIT PRINCETON NURSERIES



### COME TO SEE US

Our very complete line of *quality ornamental stock*, including many scarce and hard-to-find items, will interest you.

Our Nurseries are located halfway between Philadelphia and New York City on U. S. Highway No. 1. If by Rail, come to Princeton Junction on Penn. R.R. and call *Princeton 1776*.

*BE SURE TO COME!*

**PRINCETON NURSERIES**  
**PRINCETON, N. J.**

We wish to take this opportunity to thank our customers for their patronage this past year.

We are looking forward to serving you again in the approaching 1947-48 season.

If you are coming to the convention, look for John Vermeulen, our president. He is looking forward to meeting old friends and to making new friends.

**JOHN VERMEULEN & SON, Inc.**  
**Westbury, Long Island, N. Y.**

Propagators of quality nursery stock since 1921.

## ORNAMENTAL EVERGREENS

### Trees & Shrubs

#### BAGATELLE NURSERY

P. O. Huntington Station, N. Y.

## AZALEAS

Liners Wanted—Hardy Types

### J. L. NALEN

8 Grosbeak Road, Yonkers, N. Y.

## LINING-OUT STOCK OUR SPECIALTY....

Shade Tree Whips . . . a timely finished product saving 2 to 4 yrs.' growing effort . . . excellent variety.

A very complete line of ORNAMENTAL TREES, SHRUBS and EVERGREEN SHRUBS, including many scarce items.

**THOMAS B. MEEHAN CO.**  
DRESHER, PA.

Grapevines, Currant Roots, Currant Cuttings and Berry Plants.

Small Fruit Specialists.

### WEST HILL NURSERIES

Fredonia, N. Y.

Since 1875

1922

1947

## A Quarter Century in Business

*We want to thank all our friends for the business they favored us with this season and for the many letters praising the quality of our lining-out stock.*

*We shall look forward to serving you again this coming fall and spring, but since we had to disappoint those who sent their orders in late, we shall appreciate hearing from you early.*

### HESS' NURSERIES

P. O. Box 52

Mountain View, N. J.

# Plant Notes Here and There

By C. W. Wood

A friend of this department of the American Nurseryman, who collected some interesting alpine plants while in the Rockies last year, reports trouble with three of them and asks for advice. After giving the matter some thought, I think it will be well to be somewhat general at first and then specific.

## Some Rocky Mountain Alpines.

It is safe to say, I think, that the culture of most Rocky Mountain alpine plants may be generalized as follows: They want moisture at their roots—not an abundance today and none tomorrow, but an abundance all the time. Overhead irrigation does not seem to answer the purpose, for that is not the way these plants are treated at home, where they grow along roaring brooks, at the base of snow fields and glaciers or at the edge of mountain bogs. Along with the moisture, one must provide perfect drainage. To obtain these two ends, the best plan that I have found, speaking from the garden standpoint, is to sink small drain tiles in beds of almost pure sand and gravel and place the plants' roots close to the tiles, which are kept filled with water.

In a nursery devoted to alpine culture, subirrigation is almost a necessity, unless one grows his plants in pots watered from below. Unless one knows to the contrary, it is usually safe to give high alpine plants from the Rocky mountain region at least a slightly acid soil. There may be exceptions to that rule, but I do not now recall any. And plants from above timber line do well without humus, nor are they particular about exposure if they have water at the roots.

Now let us examine briefly the three plants mentioned by the inquirer.

*Eritrichum argutum*, over which everyone reaches its high home raves and about which gardeners despair, is admittedly a difficult plant, its culture only to be attempted in lowland gardens by the most painstaking of gardeners. The only success I ever had with it was in pure gravel, on the acid side, with constant root moisture. It was planted on the north side of drain tiles, whose bottom ends were plugged so water would ooze through the tiles to the roots at all times, and the plants were shielded from the mid-day sun. Unless one is a born inves-

tigator or has clients who will pay what *eritrichum* is worth, it is scarcely worth the effort. Such a planting of its heavenly blue flowers is something that ordinary mortals do not often see.

On the other hand, most careful gardeners should be able to enjoy the lovely sky-blue *Mertensia alpina*, and that at little trouble, except for the gravel bed and root moisture mentioned before. Here in northern Michigan, it is best in filtered shade during the middle of the day, and I suppose it would behave in the same way throughout the east and probably everywhere in the country outside its native haunts. I think I remember that D. M. Andrews, from whom my plants came years ago, said the plants were quite rare in Colorado, where he collected them on Pike's peak at around 12,000 feet or higher. *M. alpina* makes a lovely tuft of blue-green leaves, as do so many *mertensias*, and produces clusters of ethereally beautiful, sky-blue flowers at the top of stems five or six inches high, as I remember it now.

If our friend succeeds with *Primula angustifolia*, he has about the smallest of all primroses and one of the most entrancing as well. Let us examine his chances for success first. If one is to judge from my experience, his chances are quite good if he remembers the constant root moisture and gives the plant pure gravel with about one-fourth in bulk of leaf mold thoroughly incorporated with it. When he sees tiny tufts of foliage from which spring 2-inch stems carrying large (for the size of the plant) white-centered rose-pink flowers, he will agree that the reward is ample.

## *Ruellia Ciliosa*.

Why, may I ask, must a plant be almost, if not quite, perfect before it is generally accepted as a garden

## WE SPECIALIZE IN TRANSPLANTS

*Pieris Floribunda*  
*Pieris Japonica*  
 Hybrid *Rhododendron*  
*Azalea Mollis*  
*Azalea Kaempferi*  
*Tsuga Canadensis*  
*Taxus Capitata*  
*Taxus Cuspidata*  
*Ilex Bullata*  
*Ilex Rotundifolia*

Our list will be ready for mailing around August 15.

## PALLACK BROS. NURSERIES, INC.

R.F.D. 1, Harmony, Pa.  
 (31 mi. north of Pittsburgh, Pa.)

## TAXUS

With J. B. certificate; in carload or truckload lots.

**TAXUS cuspidata**, 1½ to 2 ft., 2 to 2½ ft., 2½ to 3 ft.

**TAXUS capitata**, intermediate, nana, hicksi and hatfieldi—and

**THUJA occ. pyramidalis**, in various sizes.

Also

**TAXUS liners**, 3-yr., 1 to 2 ft.

**BULK'S NURSERIES, INC.**

Babylon, L. I., N. Y.

## BOXWOOD

500 *Sempervirens*, perfect specimens. 2 to 3½ feet in diameter.

Come and dig them; price right.

**CONESTOGA GARDENS**

Ira H. Landis  
 Box 383 Lancaster, Pa.

## NORTHERN COLLECTED EVERGREENS

FERNS

PLANTS

SHRUBS

**WILLIAM CROSBY HORSFORD**  
 Charlotte, Vermont



# WHOLESALE PRICE LIST

## GARDNER'S NURSERIES

Rocky Hill, Conn.

Our nurseries are located at Rocky Hill and Cromwell, on the state highway between Hartford and Middletown. See signs. 300 acres of choice young trees and hedge plants that have been properly root-pruned and sheared.

Nurserymen are cordially invited to visit our nursery before or after the convention.

We have listed only the items we can furnish by the carload. Many other desirable items not listed invite your inspection.

Stock is guaranteed satisfactory, but we cannot consider claims after five days. We solicit your patronage and cordially invite you to visit us at any time.

Terms and conditions adopted by American Association of Nurserymen. 2 per cent, 10 days; 30 days net.

### BERBERIS THUNBERGI.

Barberry.	Per 1000
2-yr. untr.	
10 to 12 ins.	\$ 40.00
12 to 15 ins.	60.00
15 to 18 ins.	80.00
18 to 24 ins.	100.00

### BERBERIS THUNBERGI.

Barberry.	Per 100	Per 1000
2-yr. trans.		
15 to 18 ins.	\$20.00	\$150.00
18 to 24 ins.	25.00	200.00

### LIGUSTRUM OVALIFOLIUM.

California Privet.	Per 100	Per 1000
2-yr. extra-heavy		
18 to 24 ins.	10.00	60.00
2 to 3 ft.	12.00	80.00
3 to 4 ft.	16.00	120.00

### TSUGA CANADENSIS, SPECIMENS.

Canadian Hemlock	10 rate	100 rate
30 to 36 ins., B&B, heavy.	\$3.10	\$3.00
3 to 4 ft., B&B, heavy.	4.10	4.00

### JUN. CHINENSIS PFITZERIANA.

Pfitzer Juniper.	10 rate	100 rate
18 to 24 ins., B&B.	2.10	2.00
2 to 3 ft., B&B.	2.60	2.50

### JUN. EXCELSA STRICTA.

Greek Juniper.	10 rate	100 rate
18 to 24 ins., B&B.	1.60	1.50
24 to 30 ins., B&B.	2.10	2.00

### JUN. C. HIBERNICA.

Irish Juniper.	10 rate	100 rate
5 ft., B&B.	1.60	1.50

### JUN. SQUAMATA MEYERI.

Meyer's Juniper.	10 rate	100 rate
18 to 24 ins., B&B.	2.60	2.50

### THUJA OCCIDENTALIS

PYRAMIDALIS.	10 rate	100 rate
Pyramidal Arborvitae.		
4 to 5 ft., B&B.	\$3.10	\$3.00
5 to 6 ft., B&B.	3.60	3.50
6 to 7 ft., B&B.	4.10	4.00

### THUJA OCCIDENTALIS.

American Arborvitae.	10 rate	100 rate
2 1/2 to 3 ft., B&B.	1.60	1.50
3 to 4 ft., B&B.	2.10	2.00
4 to 5 ft., B&B.	3.10	3.00

### THUJA OCCIDENTALIS

GLOBOSA.	10 rate	100 rate
Globe Arborvitae		
18 to 24 ins., B&B.	1.30	1.20
24 to 30 ins., B&B.	1.50	1.40

### TAXUS CUSPIDATA CAPITATA.

Upright Yew.	10 rate	100 rate
24 ins., B&B.	4.10	4.00
30 ins., B&B.	5.10	5.00
36 ins., B&B.	6.10	6.00

### TAXUS CUSPIDATA.

Spreading Yew.	10 rate	100 rate
18 to 24 ins., B&B.	3.10	3.00
24 to 30 ins., B&B.	4.10	4.00

### TAXUS HICKSI

Hicks Yew.	10 rate	100 rate
30 ins.	4.10	4.00

### TAXUS INTERMEDIA.

15 to 18 ins.	10 rate	100 rate
	4.10	4.00

### RETINOSPORA PLUMOSA.

Plumosa.	10 rate	100 rate
18 to 24 ins., B&B.	2.10	2.00
24 to 30 ins., B&B.	2.60	2.50
30 to 36 ins., B&B.	3.10	3.00

### RET. PLUMOSA AUREA.

Plumosa Aurea.	10 rate	100 rate
18 to 24 ins., B&B.	2.10	2.00
24 to 30 ins., B&B.	2.60	2.50
30 to 36 ins., B&B.	3.10	3.00

### MUGHO PINE.

18 to 24 ins., B&B.	10 rate	100 rate
	1.35	1.25

All evergreens B&B at list prices.

Dig your own at 20c less per tree.

No boxing.

### AZALEA CALENDULACEA.

Flame Azalea.	10 rate	100 rate
2 to 3 ft.	\$3.10	\$3.00

### AZALEA NUDIFLORA.

3 to 4 ft.	3.10	3.00
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### AZALEA VISCOSA.

3 to 4 ft.	3.10	3.00
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### AZALEA ARBORESCENS.

3 to 4 ft.	3.10	3.00
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### AZALEA CANESCENS.

3 to 4 ft.	3.10	3.00
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### AZALEA VASEYI.

3 to 4 ft.	3.10	3.00
------------	------	------

### RHODODENDRON

CATAWBIENSE.	10 rate	100 rate
2 to 3 ft.	3.10	3.00

### RHODODENDRON

MAXIMUM.	10 rate	100 rate
2 to 3 ft.	3.10	3.00

### RHODODENDRON

CAROLINA.	10 rate	100 rate
18 to 24 ins.	3.10	3.00

### ANDROMEDA FLORIBUNDA.

18 to 24 ins.	3.10	3.00
---------------	------	------

### ACER PLATANOIDES.

Norway Maple.	10 rate	100 rate
2-in., 8 to 10 ft.	5.10	5.00

### ACER PLAT. SCHWEDLERI.

Schwedler Maple.	10 rate	100 rate
2-in., 8 to 10 ft.	6.10	6.00

### EUROPEAN MT. ASH.

2 1/2-in.	5.10	5.00
-----------	------	------

Deliveries—full truckload and carload only, or call for your own stock. We will box 2-yr. Barberry only during January and February.

We have certified for Western Shipments 100,000 Trees, covering this general list, and these will be available for shipment after October 15.

plant? That question was suggested to me recently by a letter from a friend to whom I sent plants of *Ruellia ciliosa* a few years ago. He admitted that it was among the champion long-time bloomers and that its lavender flowers, like small petunias, were lovely in themselves; yet he objected to the rusty appearance of the leaves before the summer passes. That the plant has shortcomings, I admit, but foliage is not one of them, in my estimation. If dull foliage is found to be objectionable, it can be met by giving the plant associates with pleasing leaves—plants such as *Thalictrum minus* and *Sedum kamtschaticum variegatum*. But I suspect one could, if he were out to pick flaws in anything, find fault with the ephemeral character of the flowers. But even though they seldom last more than twelve hours, they are freely produced continuously from late spring until frost, and often one sees flowers on bare stems after freezes have caused dropping of the leaves. And it does all that on little moisture. It will, in fact, persist through the longest droughts we ever have in the middle west, though it does not bloom freely after conditions are like those on a desert. *R. ciliosa* comes readily from seeds and is easily handled in the nursery.

#### **Muscari Moschatum.**

The passing of another spring brought to mind a hardy little bulb, the musk hyacinth, that would no doubt be a good item for the neighborhood grower. Some plants have to be seen to be sold; this one has to be smelled to be sold.

It so happens that a plant of limited charm to the eye often carries a most delightful odor. Thus *Muscari moschatum*, the musk hyacinth, offers little beauty in its purplish flowers, but its musky fragrance, one of the rarest odors in the vegetable kingdom, is highly enjoyable to most gardeners. It is a hardy bulb that I have long known and loved, and although I should not care to plant it to the exclusion of all other grape hyacinths, I should dislike to pass a spring when its fragrance did not greet me from a sunny corner. And I suspect many other gardeners would feel the same way about it if they could come in contact with the plant—something they are not apt to do if they depend on the average gardener or nursery. It all makes me think that the neighborhood grower could sell a number of musk hyacinths if he showed his customers the plant in growth. And that would not be difficult after obtaining a small stock of bulbs, for *M. moschatum* comes

## **LINING-OUT STOCK**

For Fall 1947 or Spring 1948.

	Per 100	Per 1000
<i>Ampelopsis veitchii</i> (Boston Ivy), 2-yr. tr., 18 to 24 ins.	\$20.00	.....
<i>Ampelopsis veitchii</i> (Boston Ivy), 3-yr. tr., 2 ft.	30.00	.....
<i>Berberis thunbergii atropurpurea</i> , 1-yr. sdgls., 3 to 6 ins.	3.50	\$ 30.00
<i>Berberis thunbergii atropurpurea</i> , 1-yr. sdgls., 6 to 9 ins.	5.50	50.00
<i>Berberis thunbergii</i> , 1-yr. sdgls., 5 to 9 ins.	2.50	20.00
<i>Chamaecyparis plumosa aurea</i> , 1-yr. tr., 6 to 8 ins.	12.00	115.00
<i>Chamaecyparis plumosa green</i> , 1-yr. tr., 6 to 8 ins.	12.00	115.00
<i>Cornus florida</i> , 1-yr. sdgls., 8 to 12 ins.	5.00	40.00
<i>Cornus florida</i> , for understock, 1-yr. sdgls.	6.00	50.00
<i>Cornus florida rubra</i> , pot grafts.	45.00	400.00
<i>Juniperus stricta</i> , 1-yr. tr., 4 to 6 ins.	15.00	.....
<i>Rhododendron Mrs. P. Den Ouden</i> , pot grafts.	55.00	.....
<i>Sorbus aucuparia</i> , 1-yr. sdgls., 6 to 10 ins.	4.00	35.00
<i>Taxus cuspidata</i> , 1-yr. tr., 4 to 6 ins.	15.00	140.00
<i>Taxus cusp. brevifolia</i> , 1-yr. tr., 4 to 6 ins.	15.00	145.00
<i>Taxus cusp. capitata</i> (from tip cuttings), 1-yr. tr., 4 to 6 ins.	18.00	.....
<i>Taxus cusp. browni</i> , 1-yr. tr., 4 to 6 ins.	18.00	175.00
<i>Taxus media hatfieldi</i> , 1-yr. tr., 4 to 6 ins.	15.00	145.00
<i>Taxus media hicksi</i> , 1-yr. tr., 4 to 6 ins.	15.00	145.00
<i>Thuja occ. compacta</i> , 1-yr. tr., 6 to 8 ins.	12.00	115.00
<i>Thuja occ. nigra</i> , 1-yr. tr., 6 to 8 ins.	12.00	115.00
<i>Thuja occ. pyramidalis</i> , 1-yr. tr., 6 to 8 ins.	12.00	115.00
<i>Tsuga canadensis</i> , 3-yr., once tr., 4 to 6 ins.	10.00	95.00
<i>Tsuga canadensis</i> , 4-yr., once tr., 6 to 8 ins.	15.00	145.00

### **JACK BROUWER NURSERY**

Phone: 5136

NEW LONDON, CONN.

55 Lester St.

## **BUNTINGS' NURSERIES, INC.**

BOX 3

SELBYVILLE, DELAWARE

Shade and Ornamental Trees

Flowering Shrubs

Evergreens

Hedge Plants

Roses

Cannas

Strawberries and other small fruits

Peach, Apple and other fruit trees

Asparagus and Rhubarb Roots

Horse-radish

Over 1,400 acres under cultivation. A complete line of general nursery stock. Visit us sometime this summer, or write for information.

### **Old English BOXWOOD**

(Wholesale Only)

All slow-grown dense specimens. Red clay soil. Priced by height and spread. 18x12 ins. to 24x22 ins. in unlimited quantities. Also large specimens up to 5 ft. Write for price list.

#### **BOXWOOD GARDENS**

Mrs. R. P. Royer

High Point, N. C.

### **EVERGREENS**

Lining-out stock.

Write for list.

#### **SUNCREST EVERGREEN NURSERIES**

Johnstown, Pa.



# LINING-OUT STOCK

## For Fall 1947 - Spring 1948 Shipment

	100 rate	1000 rate		100 rate	1000 rate
5000 Abies balsamea, 3-yr. T.....	\$ 15.00	\$120.00	2000 Pinus nigra (austriaca), 1-yr. adlgs.....	\$ 6.00	\$ 50.00
2000 Abies balsamea, TT., 8 to 12 ins.....	25.00	200.00	50,000 Pinus strobus, 3-yr. adlgs.....	6.00	40.00
1500 Abies fraseri, TT., 8 to 12 ins.....	35.00	300.00	25,000 Pinus strobus, 3-yr. T.....	9.00	70.00
5000 Acer pal. atropurpureum (seedling strain), 2-yr. T., 6 to 8 ins.....	50.00	450.00	10,000 Pseudotsuga douglasii, 3-yr. T.....	12.00	100.00
2000 Acer pal. atropurpureum, 2-in. pots.....	30.00	250.00	1200 Pseudotsuga douglasii, 3-yr. TT., 6 to 10 ins.....	30.00	250.00
500 Acer pal. atropurpureum, pot grafts.....	75.00	.....	5000 Pseudotsuga douglasii (Caesia strain), 3-yr. T.....	8.00	60.00
5000 Ampelopsis veitchii, 1-yr., No. 1 adlgs.....	5.00	40.00	5000 Pseudotsuga douglasii (Caesia strain), 3-yr. T.....	15.00	120.00
1000 Ampelopsis veitchii, 2-yr. T., 12 to 18 ins.....	15.00	140.00	1000 Populus alba nivea (Silver Leaf), 1-yr. C.....	10.00	90.00
2000 Azalea hindogiri, Tr. from flats.....	12.00	100.00	1000 Populus nigra italica (Lombardy), 1-yr. C.....	10.00	90.00
2000 Azalea kaempferi, Tr. from flats.....	12.00	100.00	2000 Rhododendron carolinianum, Tr. from flats.....	18.00	150.00
2000 Azalea mollis, Tr. from flats.....	12.00	100.00	2000 Rhododendron catawbiense, Tr. from flats.....	18.00	150.00
3000 Azalea poukhanensis, Tr. from flats.....	15.00	140.00	2000 Rhododendron fortunei, Tr. from flats.....	15.00	120.00
10,000 Berberis thunbergii, 1-yr. S., row run, 4 ins. and up.....	3.00	25.00	2000 Rhododendron Hybrid, seedlings, Tr. from flats.....	18.00	150.00
50,000 Berberis thun. atropurpurea, 1-yr. S., row run, 3 ins. and up.....	4.00	35.00	1000 Rhododendron Hybrids, named varieties, pot grafts.....	75.00	750.00
5000 Buxus semp. Newport Blue, 2-yr. T., 6 to 8 ins.....	35.00	300.00	1000 Rhododendron maximum, Tr. from flats.....	12.00	100.00
1000 Chamaecyparis filifera, 2-yr. T.....	25.00	200.00	500 Spiraea vanhouttei, 1-yr. cuttings.....	6.00	50.00
Chamaecyparis pisifera aurea, 2-yr. T., 8 to 10 ins.....	35.00	300.00	5000 Sorbus aucuparia, 1-yr. adlgs.....	6.00	50.00
500 Chamaecyparis pisifera aurea, TT., 12 to 18 ins.....	40.00	.....	1000 Taxus andersonii, 2-yr. T.....	35.00	300.00
1000 Chamaecyparis plumosa, 1-yr. T.....	15.00	140.00	1000 Taxus baccata repandens, 3-yr. T.....	30.00	250.00
2000 Chamaecyparis plumosa, 2-yr. T., 6 ins. and up.....	20.00	180.00	3500 Taxus canadensis stricta, 2-yr. T.....	30.00	250.00
2000 Chamaecyparis plumosa, T., 8 to 10 ins.....	35.00	300.00	30,000 Taxus cuspidata, 2-yr. T.....	25.00	200.00
800 Chamaecyparis plumosa, TT., 8 to 10 ins.....	35.00	300.00	10,000 Taxus cuspidata (cut back), 2-yr. T.....	30.00	250.00
200 Chamaecyparis plumosa, TT., 12 to 18 ins.....	40.00	.....	4000 Taxus cuspidata (cut back), 3-yr. T.....	30.00	250.00
2000 Chamaecyparis plumosa aurea, 1-yr. T.....	15.00	140.00	10,000 Taxus cuspidata (cut back), TT., 6 to 10 ins.....	35.00	300.00
5000 Chamaecyparis plumosa aurea, 2-yr. T., 8 to 10 ins.....	35.00	300.00	2800 Taxus cuspidata (cut back), 5-yr. TT.....	45.00	400.00
1000 Chamaecyparis plumosa aurea, 3-yr. TT.....	45.00	400.00	15,000 Taxus cusp. (brevifolia) nana, 2-yr. T.....	30.00	250.00
3000 Chamaecyparis squarrosa (K&C str.), 2-yr. T., 8 to 10 ins.....	35.00	300.00	12,000 Taxus cusp. (brevifolia) nana, 3-yr. T.....	35.00	300.00
10,000 Cornus florida, selected for grafting stocks.....	6.00	50.00	2000 Taxus cusp. (brevifolia) nana, TT.....	40.00	350.00
5000 Cornus florida rubra, pot grafts.....	50.00	500.00	5000 Taxus cusp. (brevifolia) nana, TT., 8 to 10 ins.....	45.00	400.00
1000 Cornus florida rubra, 1-yr. T., grafts.....	100.00	.....	8000 Taxus cuspidata browni, 2-yr. T.....	35.00	300.00
4000 Cornus kousa, 2-yr. T., 18 to 24 ins.....	35.00	300.00	8000 Taxus cuspidata browni, 3-yr. T.....	40.00	350.00
25,000 Daphne cneorum, R.C. from flats.....	10.00	90.00	5000 Taxus cusp. capitata (from seed), heavy 4-yr. T.....	75.00	750.00
1000 Deutzia gracilis, R.C. from flats.....	6.00	50.00	5000 Taxus cusp. capitata (from seed), 5-yr. T.....	80.00	750.00
1000 Eleagnus angustifolia, 1-yr. S.....	6.00	50.00	10,000 Taxus cusp. capitata (from seed), 5-yr. T.....	90.00	850.00
2000 Enkianthus campanulatus, Tr. from flats.....	12.00	100.00	5000 Taxus cusp. capitata (from seed), heavy, TT.....	150.00	.....
3000 Euonymus radicans carrierei, 2-yr. T., 6 to 10 ins.....	30.00	250.00	10,000 Taxus intermedia (spreading), 2-yr. T.....	30.00	250.00
500 Euonymus radicans vegetus, rooted cuttings.....	10.00	.....	2500 Taxus intermedia (spreading), 3-yr. TT.....	45.00	400.00
10,500 Euonymus radicans vegetus, 2-yr. T., 6 to 10 ins.....	30.00	250.00	1000 Taxus intermedia (spreading), 3-yr. T.....	35.00	300.00
500 Euonymus radicans vegetus, 1-yr. T.....	25.00	200.00	10,000 Taxus media (upright), 2-yr. T.....	30.00	250.00
1000 Forsythia fortunei, 1-yr. cuttings.....	6.00	50.00	15,000 Taxus media (Halloran strain), 2-yr. T.....	35.00	300.00
500 Forsythia spectabilis, 1-yr. cuttings.....	6.00	50.00	5000 Taxus media (Halloran strain), 3-yr. T.....	40.00	350.00
500 Forsythia viridissima, 1-yr. cuttings.....	6.00	50.00	13,000 Taxus media hatfieldi, 2-yr. T.....	35.00	300.00
5000 Hydrangea arborescens grandiflora, 1-yr. T.....	20.00	180.00	3000 Taxus media hatfieldi, 3-yr. T.....	40.00	350.00
500 Hydrangea P.G., 1-yr. T.....	20.00	.....	30,000 Taxus media Hicksi, 2-yr. T.....	25.00	200.00
1000 Ilex glabra, 1-yr. T.....	16.00	150.00	12,000 Taxus media Hicksi, 3-yr. TT.....	30.00	250.00
2000 Juniperus in grafted varieties, pot grafts 6 to 9 ins.....	50.00	.....	6000 Taxus media Hicksi, 3-yr. TT.....	45.00	400.00
2000 Juniperus excelsa stricta, 2-yr. T., 6 to 9 ins.....	40.00	350.00	3000 Taxus microphylla, 2-yr. T.....	35.00	300.00
1200 Juniperus hibernica, 2-yr. T.....	25.00	200.00	5000 Taxus Moon's columnaris, 2-yr. T.....	35.00	300.00
5000 Juniperus hibernica, 1-yr. T.....	15.00	140.00	3000 Thuja occidentalis, 3-yr. T.....	12.00	100.00
300 Juniperus hibernica, TT., 8 to 12 ins.....	30.00	250.00	2500 Thuja occ. boothii (Best Globe), 2-yr. T.....	30.00	250.00
6200 Juniperus pfitzeriana, 2-yr. TT.....	45.00	400.00	1000 Thuja occ. boothii (Best Globe), 5-yr. TT.....	55.00	500.00
1000 Juniperus pfitzeriana, 1-yr. T.....	25.00	.....	1000 Thuja occ. compacta (Parson's Globe), 1-yr. T.....	18.00	150.00
1000 Juniper squamata meyeri, 1-yr. T.....	30.00	250.00	1000 Thuja occ. compacta (Parson's Globe), 5-yr. TT.....	55.00	500.00
1200 Juniperus virg. ketelerii, 2-yr. T., grafts, 8 to 12 ins.....	65.00	650.00	1000 Thuja occ. douglasii pyramidalis, 1-yr. T.....	20.00	175.00
2000 Leucothoe catesbaei, Tr. from flats.....	12.00	100.00	500 Thuja occ. douglasii pyramidalis, pot grafts.....	35.00	.....
12,000 Ligustrum ovalifolium, 1-yr. C., 12 to 18 ins.....	4.00	30.00	800 Thuja occ. douglasii pyr. (spiralis), 2-yr. T.....	30.00	250.00
10,000 Picea alba (canadensis), 2-yr. S.....	6.00	50.00	2000 Thuja occ. hoveyi, 1-yr. T.....	15.00	140.00
25,000 Picea engelmanni, 2-yr. S.....	6.00	50.00	5000 Thuja occ. nigra, 1-yr. T.....	15.00	140.00
25,000 Picea excelsa, 3-yr. S.....	6.00	50.00	20,000 Thuja occ. nigra, 2-yr. T.....	30.00	250.00
3000 Picea excelsa (transplanted understocks for grafting).....	25.00	.....	2000 Thuja occ. pyramidalis, 1-yr. T.....	25.00	200.00
10,000 Picea glauca albertiana, 3-yr. adlgs.....	9.00	70.00	2000 Thuja occ. pyramidalis, pot grafts.....	35.00	350.00
5000 Picea pungens glauca, 2-yr. adlgs.....	6.00	50.00	13,000 Thuja occ. pyramidalis, 2-yr. T.....	30.00	250.00
50,000 Picea pungens glauca, 3-yr. adlgs.....	9.00	70.00	10,000 Thuja occ. pyramidalis, 2-yr. tr. grafts, 18 to 24 ins.....	60.00	500.00
25,000 Picea pungens glauca, 3-yr. Tr.....	15.00	120.00	1500 Thuja occ. wareana (Siberian Arb.), 2-yr. T.....	25.00	200.00
2000 Pieris floribunda, Tr. from flats.....	15.00	140.00	2000 Thuja orientalis aurea nana, pot grafts.....	35.00	350.00
3000 Pieris japonica, Tr. from flats.....	15.00	140.00	10,000 Thuja orientalis aurea nana, 2-yr. T., grafts, 8 to 10 ins.....	50.00	450.00
2000 Pieris japonica, 2 1/2-inch pots.....	25.00	240.00	5000 Thuja canadensis, 3-yr. T.....	35.00	300.00
2000 Pieris japonica, 3-yr. Tr., 8 to 10 ins.....	50.00	450.00	1000 Viburnum burkwoodii, pot grafts.....	40.00	400.00
5000 Pieris densiflora, 3-yr. T.....	6.00	50.00	1000 Viburnum carlesii, pot grafts.....	40.00	400.00
5000 Pinus resinosa, 3-yr. T., cuttings.....	15.00	100.00	1000 Weigela rosea, 1-yr. cuttings.....	10.00	90.00
3000 Pinus mughus, 2-yr. adlgs.....	6.00	50.00	300 Wistaria sinensis, 1-yr. T., grafts.....	50.00	.....

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readily from fall-sown seeds, sometimes blooming the second year and nearly always the third. It takes little room and little care, except keeping it free from weeds.

#### **Aquilegia Canadensis.**

I just came from a garden where the native columbine, *Aquilegia canadensis*, is grown as I like to see it and, I think, as nature intended it. The experience started a train of thoughts which has to find expression somehow. It all commenced, though, when a reader of this column wrote last fall that he thought the plant was too weedy, meaning, I suppose, that it has too much foliage for its amount of flowers for garden use. The garden mentioned before has the answer to that question.

In one part of the garden a small group of this columbine was growing in rich woody soil, where it grew nearly three feet in height, with so much foliage of rank growth that the few flowers of ordinary size were scarcely noticeable. In another part of the garden, in soil made up mostly of gravel and sand (that with rocks added is what it usually chooses in nature), it was *Aquilegia canadensis* at its best and its best is something thing to rave about. There it seldom grows over fifteen inches in height and more often not over a foot, with foliage in proportion and flowers in numbers and size that stand out. As I planned this garden several years ago, I was interested to find out why the columbine had been added to the woodland planting when none were included in the original plan. The answer—to try to have larger flowers—confirmed my experience that size of plant can be doubled by a rich diet but it will take more than rich living to obtain larger flowers.

The moral of the tale for the neighborhood grower: Give your plants of *Aquilegia canadensis* a lean diet if you want them to keep to the size that makes them attractive. Incidentally, there is a big field for selection of color variations in this species and perhaps for increase in size of flower.

#### **Thlaspi Stylosum.**

A reader writes that he is having trouble with *Thlaspi stylosum* and he suspects that it is a biennial. Thinking that it and maybe other *thlaspi* species may be getting around in the trade (his seeds were found in Europe by his soldier son), a few words about the genus may be useful.

At the outset it should be said that I know, with one or two excep-

tions, no *thlaspi* of great beauty that is easy to grow, and none is really long-lived. The one mentioned in

the preceding paragraph is definitely a biennial, so far as my experience

[Continued on page 96.]

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See Frank Donovan or Mike Dering at the Boston convention.

# Strawberry Survey

Grown commercially in many states and at least semicommercially in every state, the strawberry is more widespread in its adaptations than any other tree or bush fruit. Reporting in the summer edition of the Fruit Varieties and Horticultural Digest, published by the American Pomological Society, on the findings of the strawberry survey made by the society with support of the American Association of Nurserymen, John T. Bregger, chairman of the variety appraisal committee of the A. P. S., calls the strawberry the most national fruit in America. Results of the peach and apple variety surveys have been published previously.

Strawberry varieties, however, are of much more limited adaptation. A variety which flourishes in one section of the country may do poorly in another. This may be caused by the differences in lengths of days in various sections, a factor which controls the vegetative growth and fruiting of the varieties in direct relation to their genetic compositions.

In some parts of the country newly developed strawberry varieties have outdistanced older ones, while in other sections the reverse is true. In the Tennessee-Kentucky area, Blakemore and Tennessee Supreme have almost replaced completely the older varieties.

On the basis of returns to a questionnaire sent out by Mr. Bregger to strawberry growers, there is a great deal of contrasting opinion among growers on variety choice. Several new varieties which were developed in and introduced specifically for one section of the country are finding their real popularity elsewhere. This is true in Kentucky, which has adopted more Tennessee introductions than has Tennessee itself.

In Oregon, growers favor Marshall for continued planting above all other varieties combined. Idaho places Dorsett first. Klondike is still the leader in Louisiana, as it has been for many years, although Klondike and Konvoy, two new varieties, are making rapid gains in popularity. Oklahoma, Alabama and Arkansas place Blakemore first.

Scattered returns from the national survey prevented complete tabular summaries, but two tables showing regional grower evaluation of varieties have been made. These two regions are the upper Mississippi valley states (Wisconsin, Michigan,

Ohio, Iowa and Kansas) and the northeastern states (Massachusetts, Connecticut, New York, Pennsylvania, New Jersey and Maryland). The returns from all of the states were combined within each table.

The 202 growers reporting from the upper Mississippi valley states are growing the following varieties, listed in order of popularity: Howard 17, or Premier; Dunlap, Gem, Catskill, Blakemore, Beaver, Mastodon, Fairfax, Aroma, Dorsett and Rockhill (Wayzata).

The list being grown by the ninety-five growers for the northeastern states include in order of popularity: Premier, Catskill, Pathfinder, Fairfax, Redstar, Dorsett, Joe, Aberdeen, Chesapeake, Dunlap, Mastodon, Blakemore and Aroma.

Premier led in each group, although by a much greater proportion in the northeastern states. Each

section mentioned varieties which were ignored by the other, pointing up the regional preferences. The greatest differences among the varieties mentioned in both areas were noted in the Dunlap and Fairfax varieties. The former is now being grown by only eight out of ninety-five growers in the northeast and by sixty-three out of 202 growers in the middle western states. Fairfax is grown by twenty-four growers in the northeast, a much greater number in proportion than the fifteen who grow it in the upper Mississippi valley states.

In the middle western group, Dorsett leads the list of discard prospects, with Mastodon and Fairfax next. In the northeast, Blakemore is the least popular, with Aroma and Aberdeen next.

A third table shows the rating of strawberry varieties on the basis of the recommendations of state experiment stations. Howard 17 (Premier) again leads, with twenty-two states recommending planting. Catskill is

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## Lining-Out Stock FOR FALL

	Per 1000
Berberis Thunbergii, 4 to 9 ins.	\$25.00
Berberis, Red-leaved, 3 to 6 ins.	30.00
Berberis, Red-leaved, 6 to 9 ins.	35.00
Berberis, Red-leaved, row run.	40.00
	Per 100
Dogwood, grafted	\$45.00
Taxus Hicksii, 1-yr. tr.	18.00
Taxus Canadensis, 1-yr. tr.	18.00
Sorbus Aucuparia, tr. 18 to 24 ins.	30.00
Also Dogwood and Mt. Ash seedlings.	

I believe I still can import much-needed nursery stock for all who want it. So I will have a list later on of both home-grown and imported plant material. I hope to see many of you at Boston.

**ARTHUR DUMMETT**

Bernardsville, N. J.



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A bird's-eye view taken from an airplane. It shows in the distance a small portion of our nursery, which comprises over 150 acres, planted chiefly to evergreens.

second, with Blakemore, Fairfax and Gem following in that order. Most of these varieties listed in this table are new, with the exception of Premier, which is definitely the national favorite.

The demands of shipping require a firm berry, and this rules out many varieties which otherwise would be popular. But softer berries are used in some sections primarily for local consumption and some freezing. The popularity of everbearing varieties has not increased noticeably in any section. Light color, firm flesh and productivity are characteristic of popular varieties of strawberries.

#### NEW ENGLAND MEMBERS.

[Continued from page 14.]

urb of Newport. The nursery has grown consistently since its founding and now contains about 175 acres. The last addition, seventy acres, was purchased September 14, 1938, the day of New England's most devastating hurricane.

A general line of stock is grown; specialties are *Pieris japonica* and hybrid rhododendrons. Besides propagating for its own needs under 12,286 square feet of glass, the nursery offers for sale a considerable amount of lining-out stock. The greater share of the business is wholesale, although a good retail business is carried on. A modern building, housing and office, sales-room and shipping department, was opened a year ago and is located, with the nursery, at the junction of two main highways running into Newport from Providence, R. I., and Fall River, Mass.

#### Braden Nursery.

The Braden Nursery, South Windham, Me., was opened in 1933. The owner and operator, K. J. Braden, began collecting tree seeds in 1926, and in 1933 he traded some for about 12,000 small evergreens and found himself in the nursery business. Since then he has maintained a standard line of evergreens from seeds and also is still collecting seeds.

Admitting that he prefers hunting and fishing to business, Mr. Braden says of his work at the nursery, "We have learned how to stop heaving in transplant beds by using a light growth of oats planted in September. We have also developed a bale, and an apparatus for making it, which eliminates the use of crates and makes a lighter package. We are wrestling now with the problem of growing evergreens in cans with nothing but sphagnum on the roots,

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We also will have a fairly complete line of **Fruit Trees**, consisting of **Apple**, assorted varieties, both 1 and 2-year, and Multiple Apple; **Cherry** and **Pear**, 1 and 2-year; **Apricot** and **Plum**, June Buds; **Peach**, June Buds and 1-year cutback June Buds, assorted varieties; **Pecan**, assorted varieties and grades; **Black Walnuts**, **Butternuts** and **Hicoria** in all grades up to 6 feet; **Grapes**, assorted varieties, 1 and 2-year; **Asparagus**, **Mary Washington** and **Paradise**, 1 and 2-year.

We will be glad to quote attractive prices for early orders on **Privet**, **Amur River North** and **California**, both 1 and 2-year, row run, or on grades, in carload or truckload lots, or lesser quantities.

See our frequent offerings in the American Nurseryman. Our Fall Trade List will be mailed in early September.

Will be glad to have a visit with you at the Hotel Statler during the Boston Convention of the A. A. N.

We suggest you visit us at any time and look over our nursery. While our supply of stock, especially finished Evergreens, is limited, we will have a fairly good assortment to offer for the coming season. We suggest early orders to assure getting what you need before the supply is exhausted.

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Golden East (N. J. 87)  
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Halehaven  
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June Elberta  
Krummel's Late October  
Lizzie  
Rochester  
Red Bird  
Redhaven  
Rio Oso Gem (U. S. Plant Pat. 84)  
Salberta  
Sullivan Early Elberta  
Shippers Late Red  
Sunhigh (N. J. 82)  
Salwey  
Summercrest (N. J. 94)  
Southhaven  
Triogem (N. J. 70)  
Vedette  
Valiant  
White Heath Cling

### 1-Year Budded Peach Trees

6 to 8 ft., 1 to 1 1/4-in. cal.  
6 to 7 ft., 7/8 to 1-in. cal.  
5 to 6 ft., 11/16 to 7/8-in. cal.  
4 to 5 ft., 9/16 to 11/16-in. cal.  
3 to 4 ft., 7/16 to 9/16-in. cal.  
2 to 3 ft., 5/16 to 7/16-in. cal.  
2 to 3 ft., 1/4 to 5/16-in. cal.  
18 to 24 ins.

## NECTARINE TREES

Hunter  
Surecrop  
1-year Budded  
6 to 7 ft.  
5 to 6 ft.  
4 to 5 ft.  
3 to 4 ft.  
2 to 3 ft.

## APPLE TREES

Bright Red Jonathan  
Double Red Baldwin  
Delicious  
Duchess of Oldenburg  
Grimes Golden  
Hyslop (Crab)  
Jonathan  
Lodi  
Lowry  
Mammoth Black Twig (Paragon)  
McIntosh Red  
Northwestern Greening  
Red Summer Rambo  
Red Gravenstein  
Red Yorking (U. S. Plant Pat. 125)  
Red Spy  
Rome Beauty  
Red Lowry  
Red Rome Beauty  
Red Duchess  
Scarlet Red Stayman  
Solid Red Winesap  
Summer Rambo  
Smokehouse  
Starr  
Super Red McIntosh  
Stayman Winesap  
Twenty Ounce  
Triple Red Delicious  
Winesap  
Williams Early Red  
Wealthy  
Yellow Transparent  
York Imperial  
Yellow Delicious

### 1-year Budded Apple Trees

5 to 6 ft.  
4 to 5 ft.  
3 to 4 ft.  
2 to 3 ft.  
1 to 2 ft.

## SOUR CHERRY TREES

Early Richmond  
English Morello  
Montmorency

### 1-year Budded

4 1/2 ft. and up, 11/16-in. and up.  
4 ft. and up, 9/16 to 11/16-in.  
3 to 4 ft., 7/16 to 9/16-in.  
2 to 3 ft., 5/16 to 7/16-in.  
2 ft. and up, 1/4 to 5/16-in.  
1 to 2 ft.

## PLUM and PRUNE TREES

Abundance  
Burbank  
Bradshaw  
Big Mackey Damson  
Formosa  
Grand Duke Prune  
Italian Prune (Fellenberg)  
Lombard  
Methley  
Red June  
Santa Rosa  
Stanley Prune  
Satsuma  
Shropshire Damson  
Wickson  
Yellow Egg

### 1-year Budded

6 to 7 ft.  
5 to 6 ft.  
4 to 5 ft.  
3 to 4 ft.  
2 to 3 ft.  
1 to 2 ft.

## PEAR TREES

Bartlett  
Beurre Bosc  
Beurre d'Anjou  
Clapp's Favorite  
Douglas  
Kieffer  
Koonce  
Seckel  
Worden Seckel

### 2-year and 1-year Budded

5 to 6 ft.  
4 to 5 ft.  
3 to 4 ft.  
2 to 3 ft.  
1 to 2 ft.

## APRICOT TREES

Alexander  
Early Golden  
Moorpark  
Superb

### 1-year Budded

5 to 6 ft.  
4 to 5 ft.  
3 to 4 ft.  
2 to 3 ft.  
1 to 2 ft.

MAIL US YOUR WANT LIST FOR FALL 1947 or SPRING 1948 SHIPMENTS.

WHOLESALE PRICES TO NURSERYMEN ONLY.

F.O.B. BERLIN, MARYLAND, PACKING CHARGES EXTRA.

Visit our Nurseries on your way to or from the Boston Convention.

HENRY L. HARRISON  
JOHN L. HARRISON

# HARRISON BROTHERS NURSERIES

BURBAGE HARRISON  
ORLANDO HARRISON  
JOSEPH G. HARRISON

Telephones: Berlin 27 and 28  
Night Telephone: Berlin 35

G. HALE HARRISON, General Manager  
BERLIN, MARYLAND

Private Western Union Wire

"LARGEST GROWERS OF FRUIT TREES IN THE WORLD"

in the hope of getting a balled and burlapped tree with less weight. These are the things which occupy my mind when the fishing and hunting seasons are closed."

#### Breck's.

Breck's, the oldest seed and nursery house in New England, was established at Boston, Mass., in 1818 and is now in the fifth generation of father-to-son management. Luther A. Breck, a great-grandson of the founder, is president, and his son, Luther A. Breck, Jr., is vice-president and general manager.

Harold S. Ross, vice-president of the firm, is an authority on roses and other nursery stock and is president of the All-America Selections Committee. David Doran, with nursery background, manages and buys for the nursery department. Arnold Hebert is store manager.

Executive offices are located at 85 State street, in the heart of Boston, not far from the historical Old State-house and Faneuil Hall of Revolutionary war days. Five 4-story buildings at the city's harbor front are maintained for warehouse purposes. In earlier days, Breck's had its own local nurseries, but increased demand has made necessary additional purchases from other nurseries throughout the east.

Convention visitors are particularly invited to visit Breck's retail store at 85 Franklin street. At this location is the only indoor greenhouse in the center of Boston where nursery stock may be kept under ideal conditions. The glass-enclosed and sunlit house is built into the store.

#### Bristol Nurseries, Inc.

Bristol Nurseries, Inc., Bristol, Conn., was started in 1920. The business is of a general nature—retailing nursery stock, including fruits. Landscaping is done, and there is also a retail catalog trade. Wholesale specialties include Weigela Bristol Ruby and hardy chrysanthemums.

The more important originations and introductions of the Bristol Nurseries include hybrid Korean chrysanthemums, the first group of which was introduced in 1934; Gypsophila Bristol Fairy, 1927; double June Pinks Bristol Maid, Jewel and Purity, 1929; Anemones September Queen and September Charm, 1932; Phlox Salmon Glow, 1932; Gailardia Sun God, 1934; Hemerocallis Enchantress, Trumpet and Orange Flare, 1941, and Weigela Bristol Ruby, 1942.

During the war it was necessary to discontinue many items of peren-

### It Pays To Use



The Large Cultivated

## BLUEBERRY PLANTS

6 to 12 ins., 12 to 18 ins., 18 to 24 ins.

Well branched, heavy rooted, bearing-size plants.

**Cabot, Jersey, Rancocas, Rubel, Pioneer and Concord** varieties.

Let us quote on your requirements.

## ASPARAGUS PLANTS

1 and 2-year

## STRAWBERRY PLANTS

It Pays To Use



And other small fruits.

Let us quote on your requirements.

## BOUNTIFUL RIDGE NURSERIES

Princess Anne, Md.

## We Specialize in—

**Two-year Apple**

**One-year Peach, Plum, Apricot and Cherry**

**Apple and Pear Seedlings** — Our blocks of seedlings are on brand-new land. Free from aphid and other insect pests.

**Important:** We are centrally located on many railroads and truck lines and can reach you without delay.

**L. R. TAYLOR & SONS — Topeka, Kansas**

#### CHINESE CHESTNUT TREES

Pennsylvania state inspected and certified. 1000 3-year, hardy, blight-resistant, well rooted and branched trees. 3 to 6 feet. Propagated from government-selected special strains from Northern China. Parent trees have been growing in Pennsylvania for over thirty years.

Wholesale only—Purchaser to remove trees.  
**RALPH D. GARDNER**  
Plymouth St., Colonial Park, Pa.

#### MOERHEIMI BLUE SPRUCE

Over 100 trees up to 10 ft. Many specimens. Uniform color. Write for particulars.

**JOHNSON'S NURSERY**  
R.D. 3 Condersport, Pa.

# WHOLESALE TRADE LIST

Fall 1947

## WHOLESALE ONLY

To the trade we offer the following varieties of Small Fruit Plants and Vegetable Roots for delivery any time after the stock becomes dormant. All prices are F.O.B. Bridgman, Mich., boxing at cost, 250 at 1000 rate.

### GRAPEVINES

	25 to 100 Each	100 to 250 Each	250 and up Each
Concord (Blue), 2-1.....	\$0.10	\$0.09	\$0.08½
Concord (Blue), 1-1.....	.08	.07	.06½
Fredonia (Early Black), Niagara (White), Catawba (Red), 2-1....	.12	.11	.10½
1-1 .....	.09	.08	.07½
Delaware (Red), 2-1.....	.14	.13	.12½
Delaware (Red), 1-1.....	.11	.10	.09½
Van Buren (Early Black).....	.35c each		

### CURRANTS

	25 to 100 Each	100 to 250 Each
Wilder, heavy, 3-yr.....	\$0.20	\$0.19
Wilder, 2-1 .....	.15	.14
Wilder, 1-1 .....	.11	.10

### RED RASPBERRIES

	1-yr., No. 1, 3/16-in. to ¼-in.	100 1000
Latham .....	\$6.00	\$50.00
Indian Summer .....	6.50	55.00
Chief .....	5.00	45.00
St. Regis .....	5.00	

All transplants of above add 1½ cents each.

## VEGETABLE ROOTS

### VICTORIA RHUBARB— Whole Roots

	100 to 250 Per 100	250 to 1000 Per 100	1000 to 5000 Per 1000
1½-in. and up .....	\$10.00	\$9.50	\$90.00
1 to 1½-in. ....	6.00	5.50	50.00
¾ to 1-in. ....	5.00	4.50	40.00
½ to ¾-in. ....	4.00	3.50	30.00

### RED RHUBARB DIVISIONS

	Each
Canada Red .....	\$0.40
MacDonald .....	.30

Wire or telephone Bridgman 22

ASK FOR SPECIAL QUOTATIONS ON QUANTITY

Orders will be accepted from this list for delivery any time after stock is dormant, which normally is about October 15 until end of season.

TERMS: 2 per cent discount for payment upon receipt of stock to parties with established credit; or 10 days net. Orders amounting to less than \$5.00, cash with order. C.O.D. orders must be accompanied with 1/3 cash deposit.

### BLACK RASPBERRIES

	No. 1 Tips 100 1000
Cumberland and Logan .....	\$4.50 \$35.00
Morrison .....	6.00 50.00

### PURPLE RASPBERRIES

	No. 1 Tips 100 1000
Sodus .....	\$6.00 \$50.00

### BLACKBERRIES

	No. 1 R. C. 100 1000
Eldorado and Alfred .....	\$4.50 \$35.00
No. 1 Transplants .....	6.00 50.00

### LUCRETIA DEWBERRY

	No. 1 tips 100 1000
No. 1 tips .....	\$4.50 \$35.00

### BOYSENBERRY

	No. 1 Tips 100 1000
Common and Thornless .....	\$6.50 \$55.00

### BLUEBERRIES

	Each
Rubel, Rancocas, Jersey, Adams, Cabot, Concord.	
1-yr., 3 to 6 ins. ....	\$0.25
2-yr., 6 to 12 ins. ....	.50
3-yr., 12 to 18 ins. ....	.70
4-yr., 18 to 24 ins. ....	1.00

### ASPARAGUS

	25 to 100 Per 100	100 to 250 Per 100	250 to 1000 Per 1000
Paradise and Washington			
3-yr., heavy .....	\$4.00	\$3.50	\$30.00
2-yr. ....	2.80	2.30	18.00
1-yr. ....	2.20	1.70	12.00

### HORSE-RADISH

	25 to 100 Each	100 to 250 Per 100	250 to 1000 Per 1000
Cuttings .....	\$0.02	\$1.75	\$15.00
Whole Roots .....	.04½	4.00	35.00

**KRIEGER'S WHOLESALE NURSERY, Bridgman, Michigan**

nials and shrubs, but Bristol Nurseries, Inc., is again building up a perennial collection which will be limited to the better items.

Paul M. Hubbard is president of the firm, Lila T. Hubbard is vice-president and Alex Cumming is secretary and general manager. Arthur C. Bird, of this company, is secretary-treasurer of the Connecticut Nurserymen's Association.

#### Brownell Rose Research Gardens.

At the Brownell Rose Research Gardens, Little Compton, R. I., Mr. and Mrs. Walter D. Brownell have devoted more than forty years to the development of better roses. Commercial as well as amateur rose growers follow their work with keen interest. Schools as far away as Kansas and Wisconsin share in the work, and schools which are nearer, such as Radcliffe, send students to work with them.

Forty years ago, the Brownells set out to develop roses which would not have the faults common to roses—the characteristics of being short-lived and having to be replanted every two or three years, of winter-killing when sub-zero temperatures strike and of needing to be sprayed and dusted constantly to keep free of black spot.

Their plan was to put the favorites of the rose family on hardy stocks. Now, in their Rhode Island garden, they have such roses. In Minnesota and Kansas, Brownell roses are being tested for even greater weather stamina.

#### C. R. Burr & Co.

C. R. Burr & Co., Inc., Manchester, Conn., will celebrate this year fifty years in the nursery business. Founded in 1897 by Clifford R. Burr, the company began with one acre of fruit trees and dealt with local dealers only. Today the Manchester nurseries cover about 600 acres and the output is shipped from coast to coast.

The company now operates at three central points in the United States, with the purpose of producing stock which is best suited to the climate and soil of these three locations. The principal place of business is at Manchester, Conn. Two hundred and fifty of the 600 acres are under row crop cultivation. All of the firm's evergreens are grown there, with the exception of a few southern types which are produced in Virginia. Also grown at Manchester is a full line of flowering shrubs.

The second location is at Cheriton, Va., where the climate is much

# BERRYHILL'S

**PYRAMIDAL ARBORVITAE**, 4 to 5 ft., 5 to 6 ft.

**WOODWARD GLOBE ARBORVITAE**, 18 to 24 ins.

**DARK GREEN AMERICAN ARBORVITAE**, 4 to 5 ft.

**IRISH and IRISH FASTIGIATA JUNIPER**, 4 to 6 ft.

**NORWAY SPRUCE**, 2½ to 5 ft.

These are in large unbroken blocks.

Also a good assortment of

**TAXUS, GRAFTED JUNIPERS, OTHER JUNIPERS**

**ARBORVITAE, SHRUBS and TREES** in finished sizes.

**50,000 TAXUS and ASSORTED LINERS**

Carload and Truckload Quantities.

Fall Delivery

VISITORS WELCOME

## THE BERRYHILL NURSERY CO.

4 mi. N. E. on State Route 4

Box 696

Springfield, Ohio



Write for Special Quotations  
on

**NORWAY MAPLE and PIN OAKS**  
in carload lots.

**THE GREENING NURSERY CO.**

MONROE, MICH.

Born in 1850

Still growing

### ORNAMENTALS TREES SHRUBS EVERGREENS

Wholesale growers of a  
general assortment for  
the best landscape plantings.

**BRYANT'S NURSERIES**

Princeton, Illinois

### VIBURNUM BURKWOODI

New—Fragrant—Hardy  
Pinkish-white flowers in May

Heavy pot-grown stock for lining  
out. Spring 1948 delivery.

Per 100 Per 1000  
2½-in. pots ..... \$35.00 \$300.00  
F.O.B. Dayton, Ohio

No charge for packing if check  
accompanies order.

**THE SIEBENTHALER COMPANY**

Dayton 5, Ohio



# Meet Us at the A. A. N. Convention July 21 to 24.

## Badge No. 989

### *We Offer to the Trade for Fall Delivery.*

**Hybrid Rhododendrons**, from 1-yr. liners to 6-ft. specimens.

**Camellias**, from 1-yr. liners to 6-ft. specimens.

We specialize in the newest varieties of **Rhododendrons** and **Camellias**.

**Azalea Mollis**, 1 to 2 ft.

**Azalea Altaclarensis**, 1 to 2 ft., few specimens.

**Azalea Occidentalis**, white and fragrant.

**Azalea**, dwarf evergreen, several varieties, 6 to 12 ins.

**Viburnum Davidi**, 6 to 12 ins.

**Andromeda**, 6 ins. to 2 ft.

**Ligustrum Coriaceum** and **Japonicum**, 1-yr. plants to 3-ft. specimens.

**Skimmia**, 3 dwarf varieties, 1-yr. plants.

**Daphne Odora**, 1-yr. liners.

**Aucubas**, green, 1 to 3 ft., also males.

**Cotoneaster Parneyi**, 1 to 3 ft.

**Nandinas**, 2 to 3 ft.

**Nandinas**, dwarf, 1-yr. liners.

**Abelia Grandiflora**, 1 to 3 ft., trimmed.

**Euonymus**, 1-yr. liners.

**Arbutus**, 1-yr. liners to 3-ft. plants.

**Irish Yews**, 1-yr. liners to 8-ft. specimens.

**English Yews**, 1-yr. liners to 5-ft. specimens.

**Cedrus Atlantica Glauca**, 4 to 10-ft. specimens.

**Cedrus Atlantica Aurea**, 7 to 8-ft. specimens.

**Koster Blue Spruce**, 5 to 10-ft. specimens.

**Arborvitae Pyramidalis**, 1-yr. liners to 10-ft. specimens.

**Chamaecyparis Obtusa Tetragona Aurea**, 1-yr. liners to 4-ft. specimens.

**Chamaecyparis Obtusa Crippsi**, 3 to 4-ft. specimens.

**Cupressus Allumi**, 3 to 4 ft.

**Cupressus Rectervortis**, 3 to 4 ft.

**Holly, Golden**, 1-yr. liners.

**Holly, Green**, 4 to 6-ft. specimens.

**Myrtle Trees**, 4 to 7-ft. specimens.

**Pink-flowering Dogwood**, 8 to 10-ft. specimens.

**Pine, Table**, 2 to 5-ft. specimens.

**Monkey Puzzles**, 2 ft.

**Magnolia Soulangeana**, 3 to 4-ft. specimens.

**Boxwood**, tree type, 1-yr. liners to 3 ft., for hedge.

**Boxwood**, specimens, **globe**, **columnar** and **pyramidal**, to 5 ft.

**Boxwood**, dwarf, 2-ft. specimens.

We have many others in lesser quantities, such as **Dwarf Thread Branch**, **Dwarf Spruce**, **Kalmia Latifolia**, **Obtusa Nana**, etc.

Our shrubs are free from noxious weeds.

We specialize in heavy root pruning.

If you buy from us once, you should be a regular customer.

No catalog this year.

## F. A. DOERFLER & SONS

150 N. LANCASTER DR.

SALEM, ORE.

warmer and where the location is good for certain types of fruits and flowering shrubs. At this branch nursery favorable growth in the rose blocks has been achieved. There are 300 acres under cultivation in Virginia, with large stands of peaches and various types of *Thuya orientalis* evergreens.

At Sumner, Wash., the third branch, the purpose is to establish a supply of fruit seedlings and other west coast items, including roses. Such items as Paul's Scarlet thorn, cut-leaf weeping birch and *Laburnum vossii*, particularly adapted to west coast climatic conditions, are being propagated and started at Sumner.

The firm is at present involved in a process of reorganization, with the intention of consolidating all dual functions of the nursery, particularly in the packing and shipping departments and in the storages and warehouses. As a part of this reorganization, there has been set up an accounting and inventory control system which will establish costs of the production of the growing stock. This is being accomplished by the proper layout of the blocks so that they can be adequately signed and numbered, with reports of quantities planted and removed being submitted to the inventory control department as soon as these activities take place. This cost determination also makes necessary the proper recording of time spent for labor in the various blocks, so that labor costs per unit can finally determine the cost of the finished plant. It is hoped that this knowledge of the actual cost of production will facilitate the dealing with selling prices, since the two factors ought to be considered in relation to each other.

In 1946, the addition of a refrigerated storage building proved to be most helpful in the storing of perennials. Now it is also being used for storing planting stock and strawberries.

Charles S. Burr became president of the firm after the death in 1945 of his father, Clifford R. Burr, founder. He is a past president of the Connecticut Nurserymen's Association and is now chairman of the market development and publicity committee of the American Association of Nurserymen.

L. F. Palmeter is vice-president and general sales manager of the company; C. E. Hogan is treasurer; E. M. Bush is retail and mail-order sales manager; T. D. Faulkner is purchasing, warehousing and packing superintendent, and Earl Herrick is inventory control manager.

## SMALL FRUIT PLANTS

We again offer our complete line of  
**Grapes, Currants and Berry plants.**

Now booking orders for  
fall and winter delivery 1947-48.

Contact **Mr. Walter T. Gloor**  
at the Boston Convention.

**FOSTER NURSERY CO., INC.**

69 Orchard St.

Fredonia, N. Y.

## THANK YOU

Thank you for your past patronage and for your consideration and understanding during the trying season just completed. Weather conditions permitting, we certainly hope and expect to fill orders more promptly in the future.

Send us your Want List.

## BROWN DEER NURSERIES

Operated By  
**HOLTON & HUNKEL CO.**  
P.O. Box 1747  
Milwaukee 1, Wis.

## THANK YOU!!

Your business was much appreciated, and we hope you will remember us in the future.

**SHERMAN NURSERY CO.**  
Charles City, Iowa

## WHOLESALE ROSE GROWERS for over 30 years.

Write for list of varieties  
and prices.

**L. C. HOUSE & SONS**  
Route 5 Tyler, Texas

# ASPARAGUS, 2-yr. No.1

WASHINGTON and PARADISE varieties.

Write for special prices on large quantities.

## CALIFORNIA PRIVET

2-yr., in grades, well grown stock.

### ARBORVITAE • JUNIPERS • YEW

(These items available, but limited in some sizes)

Good assortment in SHRUBBERY and SHADE TREES.

New wholesale trade list ready for mails September 1.

## THE WESTMINSTER NURSERIES

Westminster, Maryland

All of the growing operations are under the supervision of Ralph Fisher, formerly with the Illinois department of conservation, division of forestry, as a nursery superintendent. M. L. Balch directs the Virginia branch, and Charles Oliver is in charge of the nursery in Washington.

#### Peter Cascio Nursery.

Peter Cascio, owner of the Peter Cascio Nursery, West Hartford, Conn., started in business in 1934 when he opened the Fernhill Nursery at West Hartford. Two years later he bought fifteen acres on Albany avenue and changed the firm name to the Peter Cascio Nursery. In 1941, an additional adjoining fifteen acres were purchased, and the original location was gradually discontinued as a nursery.

The nursery stock includes almost all of the choice materials hardy in this section—shade trees, flowering trees, taxus, broad-leaved evergreens, pines, firs and flowering shrubs. There is also about an acre of perennials; roses, vines in pots and wild flowers are also grown.

Before the war, the nursery's employees numbered thirty to 150 seasonally and the firm handled the major part of the landscaping work in this section. All the outside work

## FIELD-GROWN LINERS FOR 1947-1948

	Per 1000
Andorra Juniper, 6 to 8 inches.....	\$100.00
Irish Juniper, 8 to 12 inches.....	120.00
Savin Juniper, 1-yr., 4 to 6 inches.....	90.00
Savin Juniper, 1-yr., 6 to 8 inches.....	120.00
Savin Juniper, 2-yr. T., 8 to 12 inches.....	150.00
Savin Juniper, 2-yr. T., 12 to 15 inches.....	200.00

**ATHENS NURSERY CO. Athens, Ala.**

### Really Nice ROSA MULTIFLORA JAPONICA

Thorny, Seedlings

**FORREST KEELING NURSERY**  
Elsberry, Missouri



#### EVERGREENS

Growers of Quality Evergreens  
Lining-out Stock a Specialty  
Write for Trade List

**EVERGREEN NURSERY CO.**  
Established 1864 : STURGEON BAY, WIS.

### LAKE'S SHENANDOAH NURSERIES Shenandoah, Iowa.

Wholesale growers of  
a fine assortment of

**GENERAL NURSERY STOCK**  
Your inquiries will be appreciated.



Wholesale growers of the best  
Ornamental Evergreens,  
Deciduous Trees,  
Shrubs and Roses

Write for our current trade list.  
**THE KALLAY BROTHERS CO.**  
Painesville, Ohio

## ADVANCE OFFER OF SHRUBS

Now is the time to  
buy your shrubs for fall  
and winter delivery

### LIGUSTRUM AMURENSE. Amur River North Privet.

	Per 1000
L.O. grade	\$20.00
6 to 12 ins., 2 br.	30.00
12 to 18 ins., 2 br.	45.00
18 to 24 ins., 2 br.	55.00
18 to 24 ins., 3 br.	65.00

### LIGUSTRUM OVALIFOLIUM. California Privet.

L.O. r. c.	15.00
6 to 12 ins., 2 br.	20.00
12 to 18 ins., 2 br.	30.00
Grafting grade	30.00
12 to 18 ins., 3 br. and up.	40.00
18 to 24 ins., 2 br.	40.00

### LIGUSTRUM SINENSE Amur River South Privet (Southern Evergreen).

4 to 6 ins., s.	4.00
6 to 12 ins., s.	6.00
12 to 18 ins., s.	10.00
18 to 24 ins., s.	15.00

### LONICERA FRAGRANTISSIMA. Winter Honeysuckle.

6 to 12 ins., c.	25.00
12 to 18 ins., c.	30.00
18 to 24 ins., c.	35.00

### SPIRAEA VANHOUTTEI.

L.O. field-grown	25.00
6 to 12 ins., c.	30.00
12 to 18 ins., c.	40.00
12 to 18 ins., hedging.	50.00

### SPIRAEA THUNBERGI

L.O. grade	25.00
6 to 12 ins., div.	30.00
12 to 18 ins., hedging.	50.00

### SYMPHORICARPOS VULGARIS. Coralberry.

L.O. grade	15.00
6 to 12 ins., c.	20.00
12 to 18 ins., c.	25.00
18 to 24 ins., c.	35.00

### DEUTZIA, Pink.

L.O. grade, r. c.	15.00
6 to 12 ins., c.	20.00
12 to 18 ins., c.	25.00

### ILEX VERTICILLATA.

Winterberry.	
12 to 18 ins., L.O. div.	30.00
18 to 24 ins., L.O. div.	40.00
2 to 3 ft., L.O. div.	50.00

### WEIGELA, Pink.

L.O. grade, r. c.	25.00
6 to 12 ins., c.	35.00
12 to 18 ins., s.	45.00

### LONICERA JAPONICA HALLIANA. Hall's Japanese Honeysuckle.

Small L.O. div.	10.00
Medium L.O. div.	12.50
1-yr., No. 3.	35.00
1-yr., No. 2.	45.00
1-yr., No. 1.	55.00
2-yr., No. 2.	60.00
2-yr., No. 1.	70.00

We are in position to book orders at the prices quoted above and will book orders at these prices until our supply is exhausted or until our new list is printed.

At this time we are in position to furnish a fair quantity of FOREST TREE SEEDLINGS and FRUIT TREES. Be sure to send us a list of your requirements, and we shall be pleased to quote on them, as we are having a good growing season and plants are making fine growth.

**Boyd**  
NURSERY COMPANY

McMinnville, Tenn.

on newly finished homes was done, and a limited amount of maintenance work was carried on. In the winter, four snowplows were kept in operation and pruning and tree moving were done.

Now, with the labor shortage and lack of construction of large homes, Mr. Cascio employs about thirty men and confines his work to planting. The moving of large trees is a specialty of the nursery.

Peter Cascio is president of the New England Nurserymen's Association and has been president of the National Landscape Nurserymen's Association and secretary of the Connecticut Nurserymen's Association. While a major in the army, he was responsible for the landscaping work done at Camp Shanks, N. Y.

Mrs. Cascio, who managed the business during her husband's service in the army, is in charge of arrangements for ladies' activities at the A. A. N. convention.

#### Clinton Nurseries.

In 1921 the Clinton Nurseries were started in the rural section of Clinton, Conn., with five acres of land and no buildings. They were founded by Warren W. Richards, who is still the owner.

In 1930 the nursery was moved to its present site on the Boston Post road, halfway between New Haven and New London. It now consists of ninety acres of land with three greenhouses, large storage and packing sheds and a selling mart and office building.

During the past years almost all of the work performed has been landscaping of private homes and public buildings and transit cash-and-carry sales. In the future, however, the Clinton Nurseries will cater to the wholesale trade and are growing large quantities of ornamental stock for resale to nurserymen.

In 1940 a florists' business was added and is growing rapidly. In the greenhouses, all types of annual plants are grown together with the necessary flowers for the florists' trade.

#### Corliss Bros., Inc.

Starting in business nearly forty years ago, Corliss Bros., Inc., Gloucester and Ipswich, Mass., has expanded in buildings and acreage from its original tree-spraying and forestry work to one of the best equipped nursery, landscape and florists' businesses in Massachusetts.

When the war started, the organization was on its way to becoming a completely organized, well trained and experienced group in all phases of its operations. With the advent of

We have to offer —

500,000 Hardy Mum Divisions

2,000,000 Gladiolus Bulbs

100,000 Washington

Asparagus, 2-yr.

ALSO

A GENERAL LINE OF  
SHADE TREES

AND

ORNAMENTAL SHRUBS

FOR THE

WHOLESALE TRADE

Let us quote you  
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**NAGLE'S NURSERY**

R. 2, Benton Harbor, Mich.

**Hardy Northern-grown  
PERENNIALS**

Vetterle & Reinelt

Pacific Giant Delphiniums

**NORTH POLE NURSERY**

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**IRISES • DAY LILIES  
PEONIES • POPPIES**

ALL YOUNG GROWN STOCK

Prompt Service

Send for Wholesale Prices

**C. F. WASSENBERG**  
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**WELLER'S PERENNIALS**

With That Wonderful Root System

Headquarters for

**HARDY MUMS AND PHLOX**

Ask for our Perennial Catalog.

**WELLER NURSERIES CO., Inc.**

Leading Perennial Growers

Holland, Mich.

The **CHRYSANTHEMUM  
CATALOG** you cannot afford  
to be without.

**WONDERLAND NURSERIES**  
Ellerson, Va.



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**PLACE YOUR ORDER NOW  
BE ASSURED OF A SUPPLY**

## BLUEBERRIES

Red Raspberries  
New Bristol Blackcap  
New Morrison Blackcap  
Sodus Purple Raspberry

Boysenberries  
Thornless and Regular  
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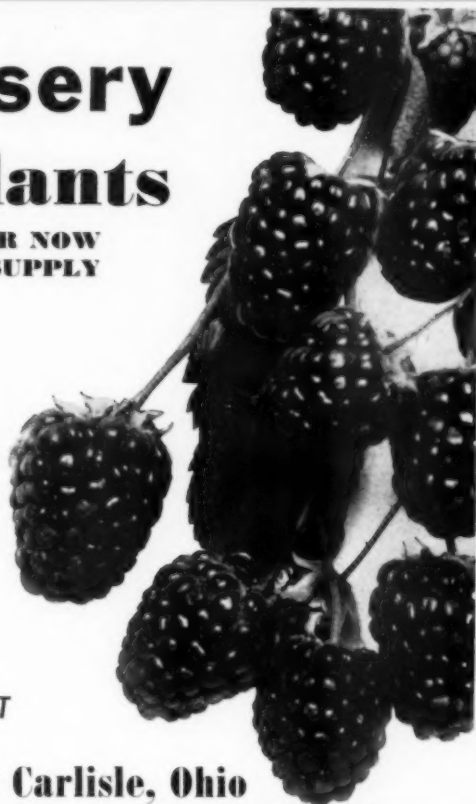
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Whole Roots and  
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Euonymus Coloratus  
Buddleia Charming  
Shrubs in variety



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FOR OUR LOWEST PRICES**

**W. N. SCARFF'S SONS**

**New Carlisle, Ohio**

the war, the company found carefully laid plans upset, as they were in every type of business in the nation. However, through untiring efforts, it has managed to keep its valuable stock and undisseminated plants intact even though production has been low.

The Gloucester nursery, on Route 127 in the Riverdale section, at which the wholesale perennial business is done, is well known for its plant originations, such as the Shasta Daisy Admiral Byrd, Viola Giant Jersey Gem, Chrysanthemum Sunny Boy, Campanulas Bluette and Blue Gardenia and Petunia Glamour Girl, as well as for its introduction of summer-flowering chrysanthemums. The firm has other new plants which show great promise.

The nursery at Ipswich, on Route 121, was established in 1939 and boasts a large modern building and beautiful display gardens and covers many acres of well grown standard and oversize nursery stock.

The general manager of the company is Cliff Corliss, a past president of the Massachusetts Nurserymen's Association; his uncle, Howard F. Corliss, one of the original Corliss brothers, managers the florists' department, and Cliff Corliss' brother,

## PANSY

**GARDEN STATE GIANTS.** The Deluxe Pansy. A superb mixture with immense heavy-textured flowers in a wide range of colors, rich in reds and velvety purples. Resistant to summer heat and truly a pansy "that will sell when others go begging."

Tr. Pkt., \$0.75; 1/4 oz., \$3.00; Oz., \$10.00; 1/4 lb., \$35.00.

**AMERICA.** A bright-colored, large-flowered strain of good habit.

Tr. Pkt., \$0.65; 1/4 oz., \$2.50; Oz., \$9.00.

**SUPER MAPLE LEAF GIANTS.** A large-flowered strain, almost as large as the Garden State Giants but lacking the petal substance.

Tr. Pkt., \$0.75; 1/4 oz., \$3.00; Oz., \$10.00.

**NEW EXTRA-DWARF SWISS GIANTS.** A special selection of extra-compact habit with bright colors and large blooms.

Tr. Pkt., \$0.75; 1/4 oz., \$3.00; Oz., \$10.00.

**SWISS GIANT.** Separate colors in Garnet-red, Dark Violet, Pure Yellow, Gentian-blue, White and Super Swiss Giant Mixture.

Tr. Pkt., \$0.75; 1/4 oz., \$3.00; Oz., \$10.00.

**Violas, Forget-me-nots, English Daisies, Sweet Williams** and all other seasonal flower seeds. Send for list.

**SOMERSET ROSE NURSERY, INC.**

P. O. Box 608,

New Brunswick, N. J.

## 50,000 FRUIT TREES

**Sour and Sweet Cherries, Plums, Apple and Quince.**

A fine 2-year-old block. Will make attractive prices.

## CALL'S NURSERIES

Call Road

Est. 1877

Perry, Ohio

Howard R. Corliss, is superintendent of the landscape department.

Visitors are always welcome at Corliss Bros., Inc., and the organization is looking forward to visits from its business associates during the convention at Boston. The 40-mile ride from Boston to Gloucester and Ipswich, along the picturesque and beautiful North Shore of Massachusetts, is well worth while.

#### Gardner's Nurseries.

Gardner's Nurseries, Rocky Hill, Conn., have been in the process of development for nearly fifty years, having been founded in 1899 by R. H. Gardner.

Mr. Gardner's eldest son, R. H. Gardner, Jr., was admitted as a partner in the business when he was 16, in 1927, and the younger son, Marshall L. Gardner, joined the firm two years later.

With 300 acres of ornamental nursery stock, yews and hemlocks predominating, Gardner's Nurseries grow for the wholesale trade the finished product ready for resale. Apples are also grown, and there are about 400 acres of 15,000 bearing trees. A modern cold-storage building with a capacity of 90,000 boxes of apples is sometimes used for storing deciduous nursery stock.

#### Griffin's Nurseries.

Griffin's Nurseries, Southwick, Mass., were opened in 1939 by Raymond J. Griffin. Following his graduation from Massachusetts State College in 1927, Mr. Griffin was employed by the Gillett Fern & Flower Farm until 1939.

The nurseries cover about seven acres, planted in general nursery stock. Specialties are rhododendrons, azaleas, hemlocks and yews. Several carloads of collected rhododendrons are handled each spring. A complete landscape service is afforded to clients in the immediate area.

#### Heatherfells Nursery

Heatherfells Nursery, Andover, Mass., owned and operated by Heinrich Rohrbach, was founded in 1934. Mr. Rohrbach received his horticultural training in Germany, finishing with two degrees from the graduate school of horticulture, Berlin-Dahlem, in 1921. After some years in Germany and Austria, he came to the United States in 1923, founding and managing the landscape department and nursery of the Baker Estates at Altoona, Pa.

He now caters to the local retail trade—designing, planting gardens, growing and propagating nursery stock. Azaleas, rhododendrons and

heather, from the last-named of which he coined the name Heatherfells are grown. Mr. Rohrbach

originated the Rohrbach fragrant violet, which is known throughout the United States, and grows his

## EVERGREENS

### Balled and Burlapped

Juniper Scopulorum, grafted

Juniper Virginiana, grafted

Pines, Spruces, Firs

## EVERGREEN LINERS

Savins, Pfitzers, Prostrates, Junipers

Pines, Spruces, Firs

Also a general line of **Fruit, Shade, Ornamental Trees and Shrubs.**

## THE PLUMFIELD NURSERIES

Fremont, Nebraska

## THE NORTHWEST NURSERY CO.

E. C. Hilborn, Pres and Mgr.

Valley City, N. D.

Specializing in hardy plants for the north and new plants from the Dominion Station at Morden, Man.

Featuring

**A new, late, hardy red Aster**  
(unnamed)

See color plate in Badge Book, Badge No. 4.

Featuring

The choice **new Rosy Bloom flowering Crabs** from Morden Station.

We have a fair stock to offer for fall '47.

## THE NORTHWEST NURSERY CO.

Valley City, N. D.

## Tom Dodd Nurseries

The Name Signifies Better Plants

Write for Wholesale List

Moffett Road, Mobile Co.

Phone: Mobile 6-8925

SEMMES, ALABAMA

## TO THE TRADE

We offer our usual line of **Fruit Trees; also June Bud Peach and Pecan Trees.**

## COMMERCIAL NURSERY CO.

Decherd, Tenn.

# TO OUR FRIENDS AND CUSTOMERS

## GREETINGS

Favorable weather plus close careful attention to cultivation, pruning, etc., enable us to offer goodly quantities of our specialties.

**Roses, Hybrid Teas and Climbers.**

**Flowering Shrubs, finished and lining-out sizes.**

**Hedge Plants, two-year and one-year.**

and

**Fruit Trees.**

We will appreciate the opportunity of quoting on your list of wants at the Boston Convention or by mail.

**THE HUNTSVILLE WHOLESALE NURSERIES, INC.**  
HUNTSVILLE, ALABAMA

own clonal varieties and hybrids of primroses, considered to be the best in the eastern states. He also grows his own hybrids of Korean chrysanthemums for late flowering.

### Stephen Hoyt's Sons Co.

Stephen Hoyt's Sons Co., New Canaan, Conn., was established in 1848. Today the nursery business, also known as the Hoyt Nurseries, occupies about 500 acres of land, and both a wholesale and retail business is done.

Officers of the firm are Stephen Hoyt, president; Edwin Hoyt, treasurer, and F. L. Hoyt, secretary.

When Stephen Hoyt was a boy the nursery was also part farm, and he remembers the many chores that were always to be done without the aid of laborsaving devices and machinery. His firm is most progressive in making use of new equipment to facilitate its operations. In a talk last winter before the New England Nurserymen's Association, Mr. Hoyt described many of the laborsaving devices employed.

### Robert Hutt Nursery.

The Robert Hutt Nursery, Glastonbury, Conn., was established in 1936 and is owned and operated by Robert F. Hutt. It carries on a gen-

## SPECIMEN EVERGREENS

All orders for Spring delivery dug in rotation to booking.

<i>Juniperus Virginiana</i> , well sheared and root pruned.	3 to 12 ft.
<i>Juniperus Virginiana Canaerti</i> .....	3 to 5 ft.
<i>Juniperus Chinensis, Compacta</i> .....	2 to 4 ft.
<i>Juniperus Chinensis Keteleeri</i> .....	3 to 5 ft.
<i>Juniperus Chinensis Pfitzeriana</i> .....	15 to 36 ins.
<i>Juniperus Sabina</i> .....	18 to 30 ins.
<i>Juniperus Sabina Vonehron</i> .....	18 to 36 ins.
<i>Juniperus Sabina Vonehron Globes</i> .....	12 to 30 ins.
<i>Juniperus Scopulorum</i> .....	2 to 5 ft.
<i>Juniperus Scopulorum Pathfinder</i> .....	24 to 42 ins.
<i>Biota Orientalis Bonita</i> .....	12 to 30 ins.
<i>Biota Orientalis Excelsa</i> .....	18 to 48 ins.

### CARLOADS OUR SPECIALTY

**Chinese Elm**, 4 ft. to 4-in. caliper.

General Assortment of other Evergreens, Shade Trees, Shrubs and Fruit Trees.

## SNEED NURSERY COMPANY

P. O. Box 798

Oklahoma City 1, Okla.

## EVERGREENS

B&B and Lining-Out Stock. Fine Northern-grown Evergreens.  
Send Us Your Evergreen Want List.

### BROWN DEER NURSERIES

Operated by **HOLTON & HUNKEL CO.**

P. O. Box 1747

Milwaukee 1, Wis.

eral landscape and nursery business throughout the Hartford area. Equipment consists of trucks, tractors, grader, trailer and other machinery needed to run the nursery of ten acres.

A general line of shrubs, evergreens, trees and perennials is grown. A small greenhouse, recently added, will be mainly for the winter propagation of cuttings. Landscaping consists of grading, seeding and building walls and drives, as well as all types of plantings.

#### Kelsey-Highlands Nursery.

The Kelsey-Highlands Nursery, East Boxford, Mass., was established in 1912 by Harlan P. Kelsey as a branch of his larger business in North Carolina. Mr. Kelsey started this southern nursery when he was 12 years old, in 1885. From a small beginning, the nursery grew year by year until the Massachusetts branch was opened.

In 1920, the North Carolina nursery was given up, and the most valuable stock was moved to East Boxford. Mr. Kelsey has long been especially interested in hardy native American plants, and they are now the specialties of the nursery.

Among the ornamentals which have been introduced to cultivation by Harlan P. Kelsey are Carolina hemlock, Pinkshell azalea, Korean chrysanthemum, galax, Gray's lily, Carolina rhododendron, white Carolina rhododendron, Kelsey locust, Kelsey Catawba rhododendron, Oconeebells and Featherfleece.

Mr. Kelsey has served as president and vice-president of the American Association of Nurserymen, as co-editor of "Standardized Plant Names" and as secretary and treasurer of the American joint committee of horticultural nomenclature. He has been connected with numerous other horticultural and civic improvement organizations.

Seth L. Kelsey is treasurer and general manager, his father still active as president of the corporation, Harlan P. Kelsey, Inc.

#### Kennedy Nursery.

The Kennedy Nursery, Greenwich, Conn., was started in 1941 as successor to Sunridge Nurseries and is owned by Wellington Kennedy. The present property of seven and one-half acres was acquired in 1941 and is in the large estate area of Greenwich. It is the headquarters of the company.

Most of the work of the nursery is done through professional landscape architects. Operations are kept as simple as possible and are of a type

## Offering the New Mock Orange PHILADELPHUS MINNESOTA SNOWFLAKE

Plant Patent No. 538

An outstanding introduction; every blossom very double, sweet-scented, very profuse bloomer. A graceful, well branched shrub retaining its foliage better than most of the Mock Oranges.

For delivery Fall 1947 or Spring 1948.

#### Wholesale Prices

	Per 10	Per 100
18 to 24 inches.....	\$5.00	\$45.00
2 to 3 feet.....	6.00	55.00
3 to 4 feet.....	7.50	70.00

#### Suggested Retail Prices

18 to 24 inches.....	\$1.25 each
2 to 3 feet.....	1.50 each
3 to 4 feet.....	2.00 each

Grown and distributed exclusively by:

**J. V. Bailey Nurseries** and **Jewell Nurseries, Inc.**  
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## APPLE and PEAR GRAFTS OUR SPECIALTY

We offer a limited amount of **Peach, Apple, Pear** and **Plum** for Fall and Spring delivery.

Write for special prices on quantity lots.

#### SHADE TREES.

Sizes, 6 to 8 ft., to 3-in. caliper in **Chinese Elm** and **American Ash. Cercis Canadensis**, 6 to 8 ft.

## EGYPTIAN NURSERY & LANDSCAPE CO.

Farina, Ill.

Phone 64

#### LINING OUT STOCK

in Red Barberry, Washington, Hawthorn, Mountain Ash, English Hawthorn.

#### NEWPORT NURSERY COMPANY

Henry Kleine  
Newport, Mich.

## AZALEAS—CAMELIAS and GARDENIAS

See price list in Classified Ads.  
Write for catalog

**NATIONAL NURSERIES, Biloxi, Miss.**

**BURTON'S**  
HEADQUARTERS FOR  
EVERGREEN GRAFTS, TRANSPLANTED  
EVERGREENS, SHRUB LINERS.  
Write!  
RARE ITEMS YOU DO NOT  
FIND IN MOST LISTS!  
**HILLTOP NURSERIES**  
CASSIOWAY, OHIO

#### OUR SPECIALTIES

Jun. Pfitzeriana, B&B, and pots.  
Taxus in variety, R.C., 4r. and pots.  
Weigela, Eva Rathke, 2-yr. frame tr.  
Viburnum Rhytidophyllum, R.C. and pots.  
Contracting now for future delivery.  
Correspondence invited. No catalog.  
**HUMPHREYS LANDSCAPE SERVICE**  
Mt. Sterling, Ky.



which requires personal supervision and service. Mr. Kennedy has found that the one hundred per cent guarantee is advisable and profitable.

#### Landscape Service Co.

The Landscape Service Co., Framingham, Mass., was founded in 1940 by Homer K. Dodge and Frank A. Nantovich, doing a general landscape business. Before the formation of the partnership, Mr. Nantovich had his own business in the field of loam, grading and driveway work. Mr. Dodge was with Wyman's Framingham nurseries as head of the landscape department.

The firm's business covers almost all types of landscape work. A small amount of maintenance work is handled as well as much general landscape planting. Grading, wall construction, driveway and other kinds of construction work are also done.

Last year, a retail display garden was opened on the Boston and Worcester turnpike at Framingham Center for cash-and-carry sales. Because of the way it has been developing, this will probably become an increasingly important part of the business.

#### H. V. Lawrence, Inc.

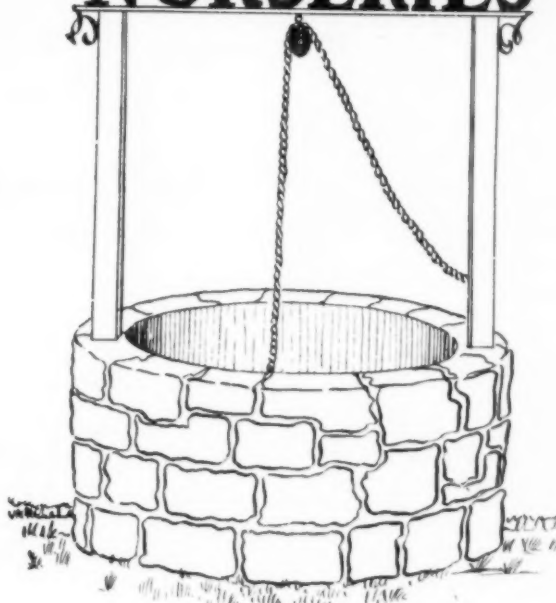
H. V. Lawrence, Inc., Falmouth, Mass., was founded in October, 1886, by Harry V. Lawrence, who at 85 is still the active head of the business. Started on Depot avenue with two small greenhouses, 10x100 feet and made of hothead sash, the firm, incorporated in 1939, still occupies the site.

The nurseries, called the Cape Cod Nurseries, form a substantial part of the business and cover forty acres. Sales are almost entirely retail, and improved conditions of labor and materials will enable the firm to make progress toward the standards which have been established by the founder and the men who work with him. Trees, flowering shrubs, evergreens, roses, vines, perennials, rock plants, fruit trees and bush fruits are grown on the nursery land.

The demands of the Cape Cod climate are responsible for the nursery specialties. The first of these is the growing of plants especially suitable for seashore exposure. Salt-laden winds from the water create problems because of their damaging effect on soft, weak foliage. The soil is rendered light, sandy and inadequate by these winds.

The second specialty of the nurseries is the furnishing of plants, plantings and service required for maximum attractiveness during the midsummer season. This is a necessity because a great part of the population of Cape Cod is made up of

## BLACKWELL NURSERIES



SEMMESE, ALABAMA

Wholesale Only

AZALEAS, CAMELLIAS AND GARDENIAS OUR SPECIALTY  
MEET US AT BOSTON

## LINING-OUT STOCK

Fall 1947—Spring 1948

Field-grown Evergreen Liners;

Pfitzer, Greek and Irish Junipers;

Flowering Peaches; Spiraea Vanhouttei;

Amur River North and California Privets;

Weigelas, Nandinas and Pink Dogwoods.

Prices on request. Send us your want list.

## NAUGHER NURSERY

Chase, Ala.

those who are only there for the summer season.

The climate of Cape Cod, which is surrounded by water, moderates the extreme temperatures of both summer and winter. Many species of plants are hardy there which are not hardy inland at the same latitude, and the spring planting season extends through June, with the aid of methods and means learned through years of experience.

The flower and garden shop, a second part of the firm, provides cut flowers and house plants, garden ornaments, pottery, gifts, seeds, fertilizers, insecticides and gardening tools and supplies. Landscaping service and construction, as well as a complete maintenance service, comprise the third part of the business.

H. V. Lawrence's son, Milford R. Lawrence, joined his father's business in 1921 as a graduate landscape architect.

#### **Lexington Nurseries, Inc.**

Lexington Nurseries, Inc., Lexington, Mass., has approximately seventy acres and is situated twelve miles from Boston, doing a general nursery business. In addition, a complete garden shop carrying every conceivable garden item, including tools, fertilizers and insecticides, is operated. There are five greenhouses devoted to the growing of annuals and perennials, and the nurseries specialize in the growing and selling of annuals from 2½-inch pots. After the season for annuals has passed, many thousands of 2¼-inch potted geraniums are grown for wholesale sales.

An interesting side line to the nursery business is the manufacturing of furniture. This is not outdoor furniture, but antique reproductions of many pieces gathered from old homes around Lexington. This makes it possible for full employment to be continued during the off months.

The land on which Lexington Nurseries, Inc., is situated has had but one owner other than the nursery, the Monroe family. The land was from the king of England to James Monroe in Revolutionary days, and later it was operated as a farm until a nursery was established on it in 1912. The packing shed, storage cellars, store and offices are all in the same building, which is of rambling colonial architecture. The nursery starts about 100 yards from the main thoroughfare of Lexington, and its approach makes an unusually attractive sight.

Luke C. May, vice-president of the Massachusetts Nurserymen's Associ-

# **ROSES**

## **WHOLESALE**

**2-year Field-grown**

### **Carl Shamburger Nursery**

**Four Generations Growing America's  
Finest Roses.**

**TYLER, TEXAS**

## **O. H. PERRY NURSERY COMPANY**

**Box 545**

**McMinnville, Tenn.**

***Established 1928***

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If you have not already received our  
Fall Price List, ask for your copy.

●  
**VISITORS WELCOME**

#### **DEVELOPING NURSERY SALES AND DISPLAY GROUNDS**

**AMERICAN NURSERYMAN,** \$1.00 per copy.  
343 So. Dearborn St., Chicago 4, Ill.

### **ATTENTION NURSERYMEN!**

We are now booking orders for fall shipments. **Peach and Apple**, 2 to 3 ft., 15c; **Grape**, No. 1, 2-yr., 8c. Prices are low on good-quality stock.

Write for list and prices.

**ROLLERS WHOLESALE NURSERY**  
Rogers, Ark.

75 to 100 Transplanted **Hall's Japanese Honeysuckle**, fall delivery, 1947. Write for carlot price. Also **L. O. Tree Seedlings and Seeds.**

### **TARLTON NURSERIES**

Route 7, McMinnville, Tenn.  
E. J. Morton, Proprietor

ation, is president of Lexington Nurseries, Inc.

#### Littlefield-Wyman Nurseries.

Littlefield-Wyman Nurseries, Abington, Mass., were founded in 1896 by Sidney Littlefield. He was joined in the business by Walton G. Wyman in 1906, at which time the partnership was formed.

Mr. Littlefield retired in 1931, and his interest was purchased by Lloyd A. Hathaway in 1940. Since then the business has been run as a partnership under the original name, Littlefield-Wyman Nurseries.

The nurseries are located on about seventy-five acres of land and do a retail and wholesale business. A general line of ornamentals and shrubs is grown, and taxus is a specialty in the evergreen field. More than half of the business consists of retail landscaping, which is handled by three graduate landscape architects.

A small retail coalyard was purchased in 1941, and this is operated in conjunction with the nursery, as it helps spread winter employment.

Lloyd A. Hathaway is on the American Association of Nurserymen membership committee for Massachusetts. He has been president of the New England Nurserymen's Association, as well as secretary and treasurer of the Massachusetts Nurserymen's Association.

#### North Wilmington Nurseries.

The North Wilmington Nurseries, at North Wilmington, Mass., were established at their present location in 1910. Originally founded at Reading, Mass., by Jacob W. Manning, one of the pioneers in the nursery business, the nurseries were later moved to North Wilmington by his son. At this time the firm name was the Floramead Nurseries. In 1914 the present title was given the business, which was bought by H. C. Barrows in 1916.

Mr. Barrows has managed the nurseries since that time and handles a general line of shrubs, evergreens, fruit trees and hardy herbaceous perennials. An important part of the business is the landscaping of large estates and also smaller house plantings. The nurseries cover seventy-six acres, which are almost completely devoted to nursery stock.

#### A. N. Pierson, Inc.

The spring of 1947 commemorated the seventy-fifth anniversary of the modest beginning made by A. N. Pierson, founder of A. N. Pierson, Inc., wholesale nurserymen and florists, at Cromwell, Conn., an old

## AT THE CONVENTION IN BOSTON

Ask me about some beauties in specimen upright trained **Vonehron Juniper**, 3 and 4 feet tall. Our plants are maturing to the best we have ever grown.

Steve Verhalen

### VERHALEN NURSERY CO.

Scottsville, Texas

PEACH TREES, PEAR TREES, APPLE TREES, CHERRY TREES, STRAWBERRIES, BLACKBERRIES, CURRANTS, BLUEBERRIES, RASPBERRIES, PHLOX, MUMS, ROSES, DAHLIAS

**Pride - O - Mich**  
TREES PLANTS

BOYSENBERRIES, BLACK CAPS, GRAPES, SHRUBS, PERENNIALS, EVERGREENS, ORNAMENTALS

TODAY FOR COLOR CATALOG

**Emlong Nurseries, Inc.**  
STEVENSVILLE, MICHIGAN  
BOX 22

WRITE NEW

## STRAWBERRY PLANTS

Missionary  
Blakemore  
Klonmore  
Klondike  
Aroma

Tennessee Supreme  
Gem Everbearing  
Mastodon Everbearing  
Evermore  
Streamliner

Grown on the Cumberland plateau.

Write for wholesale price list.

Office and Packing House at the farm. On Highway 30, 7 miles west of Dayton.

### ROMINES PLANT FARM

Route 3

Dayton, Tenn.

#### BEGINNING IN THE NURSERY BUSINESS

50 cents per copy.

AMERICAN NURSERYMAN,

343 So. Dearborn St.

Chicago 4, Ill.

### ARCHIBALD ENOCH PRICE

The Care of Trees

84 Park Drive

Glenview, Illinois

PHONE: Glenview 359

### CHERRY TREES

both sweet and sour in leading varieties, also 1-year Peach Trees.

#### NEWPORT NURSERY COMPANY

Henry Kleine  
Newport, Mich.

## KELLY BROTHERS NURSERIES, INC.

"Fruit Tree Headquarters"

DANVILLE, NEW YORK

★  
**APPLE** **PEACH**  
**SWEET AND SOUR CHERRY**  
**PLUM** **PEAR**

We offer a complete assortment of high-quality fruit trees.

★  
Plan to visit us on your way to or from the Convention.

Represented by

WM. F. KELLY  
JOHN W. KELLY  
WM. F. KELLY, JR.

★  
1880 - 1947

## FROSTPROOF APPLE

A new Winter Apple, Patent No. 722. It blooms in the State of Virginia the 18th of May, after the danger of frost is well past; ripens along with Winesap.

Nurseries interested in raising and selling this tree, write to

### MAX NURSERY

Mineral, Virginia

## BLUEBERRY PLANTS and ROOTED CUTTINGS

Order Now for Fall and Spring Shipment.

Prices on Request.

H. B. SCAMMELL & SON.

TOMS RIVER, N. J.

Grower of Blueberries Since 1920.

New England town on the Connecticut river.

Over the intervening period of years, A. N. Pierson, Inc., has endeavored to keep pace with the demand for stock and has grown from the few original sash houses and frames to over one and one-quarter million square feet of glass area covering some thirty acres of ground, as well as 150 acres of evergreens and lining-out nursery stock. During the war period, the nursery acreage was reduced to grow potatoes. This area is now being partially replanted to nursery stock.

Since the recent death of the former president, Wallace R. Pierson, Sr., the business is being conducted by the third generation of Piersons, represented by his two sons, with Andrew A. Pierson as president and Wallace R. Pierson, Jr., as treasurer and general manager. A large program of modernization is nearing completion under their direction.

The nursery department is devoted mainly to the production of evergreens and is managed by Alexander Stoveken, who has been an employee of A. N. Pierson, Inc., for a number of years and who has been associated with the nursery business during his entire lifetime, having made his start with Hiram T. Jones, of Elizabeth, N. J. Assisting Mr. Stoveken is Arthur E. Webster, with the firm since 1920. Mr. Webster is president of the Connecticut Nurserymen's Association, as he was during 1945 and 1946, and is also vice-president of the New England Nurserymen's Association. E. D. Robinson, of Wallingford, Conn., is the nursery's sales representative.

A. N. Pierson, Inc., has recently granted a profit-sharing bonus which is one of the progressive ideas of the concern. The bonus this year was ten per cent of all wages paid to all employees during the 49-week period from June 1, 1946, to May 10, 1947.

### The Rhode Island Nurseries.

The Rhode Island Nurseries, Newport, R. I., were founded by the late V. A. Vanicek in 1845. Since his death in 1930, the company has been managed by his son, V. J. Vanicek.

Growing considerably in the years since it was founded, the nursery now has about 250 acres and specializes in the growing of evergreens, shrubs, trees, etc. A particular interest is in the growing of varieties of yews, and the climate and soil make an ideal spot for the propagation of this species. A range of seven greenhouses is used entirely for

## TEXAS - GROWN

Quality **ROSES** Quantity

All stock has been regularly dusted with Copper-Sulphur dust. Finer Roses cannot be found anywhere. Ask for our List.

★ ★  
**FLOWERING SHRUBS**  
**FRUIT TREES**  
**SHADE TREES**  
**EVERGREENS**

★ ★  
Nurserymen for Over 23 Years

### VERMAY NURSERY COMPANY

TYLER, TEXAS

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## ORNAMENTALS

Our Specialty

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Visitors always welcome

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W. A. NATORP CO.

Cincinnati 29, Ohio

## GRAPEVINES, CURRANTS, GOOSEBERRIES and BERRY PLANTS

Can also supply Currant lineouts and cuttings.

Known to the Wholesale Trade for Small Fruit Plants of Superior Quality Since 1890.

F. E. SCHIFFERLI & SON NURSERIES  
Fredonia, N. Y.



BRUCE HOWELL CARROLL HOWELL

**Howell Nurseries**

Knoxville, Tenn.

Sweetwater, Tenn.

**Lining Stock****Azaleas****General Nursery Stock**

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**WE OFFER...**

**APPLE - PEACH**  
**GRAPE - PRIVET**  
**SHRUBS**

Write for Quotations

**NEOSHO NURSERIES CO.**

Neosho, Mo.

**RHUBARB**

Chipman's Canada Red and  
 MacDonald.

**HANSEN BUSH CHERRY**  
 Transplants

**DYBVIG NURSERIES**  
 Colton, South Dakota

propagating. The propagating grounds consist of about six acres.

Assisting Mr. Vanicek in the management of the nursery is J. C. Brownell, who has been with the company twenty years and handles the bookkeeping. The propagating greenhouses are supervised by Martin Van Hof, assisted by Antone Janior. Mr. Van Hof has been with the firm for twenty-five years, and Mr. Janior for twenty-eight years.

All of the farm activities are looked after by Francisco R. Machado, farm superintendent, and his foreman, Paul J. Ripa. Mr. Machado has been employed by the nursery for thirty-two years, and Mr. Ripa for twenty-six years.

The Rhode Island Nurseries were hard hit by the labor shortage during the war, according to Mr. Vanicek, and most of the effort was put into selling. This caused the yearly plantings to suffer, and as a result, little material will be offered for the next two years.

**E. D. Robinson Sales Agency.**

The E. D. Robinson Sales Agency, Wallingford, Conn., was started in 1933 by Mr. Robinson and his wife and has been operated by them for the past fourteen years. For five years before 1933, Mr. Robinson had covered much of the territory for one of the group of nurseries he now represents as sales agent. The agency does a business that is exclusively wholesale, and the following are the companies which it represents: Adams Nursery, Inc.; Barnes Bros. Nursery Co., Inc.; A. N. Pierson, Inc.; Bristol Nurseries, Inc., and North-Eastern Forestry Co., Inc.

**Sudbury Nurseries, Inc.**

Sudbury Nurseries, Inc., became incorporated in 1935. At present there are slightly more than seventy-five acres under cultivation. The business is largely that of a retail nursery; however, no perennials are raised, nor does the nursery carry fruit or roses. No landscape work, other than the planting of material grown, is done. There is no real specialty, but there is a slight concentration on shade and flowering trees.

**Sunny Border, Inc.**

Sunny Border, Inc., Kensington, Conn., is a new name for an old business. Robert Bennerup, president, was for many years proprietor of the Norwalk Perennial Gardens. While there he introduced and originated many varieties of perennials.

When a need for expansion became evident, Mr. Bennerup and one

**MALONEY'S**

Offer for Fall, 1947, and Spring, 1948—2-year **Standard Apple** and **Pear**, **Sweet and Sour Cherry**. We can furnish **Sweet and Sour Cherry**, also in 1-year, 1-year **Peach**.

2-year **Shrubs**, bushy, well rooted, twice transplanted. A good assortment of **Evergreens**.

Write for Wholesale List.

We would appreciate receiving your Wholesale List, as we are buyers of many items for our Retail Trade.

**MALONEY BROS. NURSERY CO., INC.**

Danville, New York

Established 1884

**C. M. Hobbs & Sons, Inc.**

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Established 1875

**AMERICAN and**  
**MOLINE ELM,**  
 up to 2-inch caliper.

**SOFT MAPLE,**  
 up to 2-inch caliper.

**PEACH and APPLE,**  
 in carlots.

General line of  
**Shade Trees, Shrubs, Evergreens**  
 and **Fruit Trees.**

**CERTIFIED BLUEBERRY PLANTS**

1-year Rooted Cuttings, 2 and 3-year Nursery Plants, all varieties; propagated from stock taken from our own productive farms. **Guaranteed True to Name.** SEND for RIGHT WHOLESAL PRICES. Large quantities to Nurserymen, Dealers and Commercial Growers

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 Small quantities to Home Growers.

**GALLETTA BROTHERS'**  
**BLUEBERRY FARMS**  
 Hammonton, New Jersey

**PONTIAC NURSERY COMPANY**

Romeo, Michigan

Offers a limited surplus of

**PEACH TREES****H. T. and CLIMBING ROSES****FLOWERING SHRUBS**

in assortment

**LINING-OUT STOCK**Write for Prices  
and List of Varieties available

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We are in the market for  
several carloads of**EVERGREENS,  
ORNAMENTAL SHRUBS,  
SHADE TREES**Send your surplus lists for  
immediate consideration**THE PONTIAC NURSERY COMPANY**

Romeo, Michigan

of his associates, Gerhardt Jeppesen, vice-president of the new company and in charge of its shipping, purchased a 98-acre farm. Last fall, an office and a large metropolitan greenhouse were erected.

About thirty acres are now under cultivation, and the firm does a retail and wholesale business. New varieties of pyrethrum, trollius, penstemon, rudbeckia and oenothera are grown at Sunny Border, which grows perennials and rock plants exclusively.

**Terhune Nursery.**

The Terhune Nursery, Salisbury, Conn., was opened in October, 1946, by Sidney H. Terhune. Owner of the West Cornwall Nurseries, West Cornwall, Conn., since 1937, Mr. Terhune discontinued the landscape contracting business in 1942 because of the labor shortage. He served in the navy until 1945 and reopened the nurseries at West Cornwall in 1946.

Space there, however, proved inadequate, so Mr. Terhune moved to his present location and changed the firm name. He operates five acres of nursery stock and deals entirely with the retail trade.

**C. L. Vanderbrook & Son.**

C. L. Vanderbrook & Son, Manchester, Conn., were founded in 1921 by C. L. Vanderbrook and his son, Louis C. Vanderbrook. The nursery, which started on ten acres of land and specialized in *Berberis thunbergii* seedlings and flowering shrubs, is celebrating its twenty-fifth year of continuous service to the wholesale trade this year.

The second year of the business additional land was acquired and the propagation of evergreens was started. Also begun at this time was the growing of *Rosa multiflora japonica* understock for budding and grafting purposes. In 1927, a general assortment of shade and ornamental trees was added.

At the present time the nursery comprises seventy-five acres devoted primarily to the wholesale trade and specializing in berberis and rose seedlings, evergreens and shrubs. The business is now in the process of being motorized.

Louis C. Vanderbrook has been vice-president and president of the Connecticut Nurserymen's Association. In 1941 he was elected president of the New England Nurserymen's Association and served two terms. Elected secretary of the association in 1943, he has held this position since that time. He has served on the board of governors of the

★

Yes, we are still in the nursery business, but our supply of fine cherry and other fruit trees hasn't yet caught up with the demand. We may have some surplus stock to offer at the convention.

Contact our representatives, either Lee McClain or Kent McClain.

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**WASHINGTON HEIGHTS NURSERIES**

Lee McClain, Owner

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**KNOXVILLE 17, TENNESSEE****WE OFFER FOR  
FALL SHIPMENT**

Per 100

<b>LIGUSTRUM AMURENSE,</b> Amur River North Privet.	
12 to 18 ins., 2-yr., 3 canes and up	\$6.00
18 to 24 ins., 2-yr., 3 canes and up	7.50
<b>SPIRAEA VANHOUTTEI,</b> Van Houtte Spiraea.	
12 to 18 ins., 1-yr.	4.00
18 to 24 ins., 1-yr.	5.00
<b>WEIGELA, Pink Varieties.</b>	
12 to 18 ins., 1-yr.	4.00
18 to 24 ins., 1-yr.	5.00
<b>SALIX BABYLONICA,</b> Weeping Willow.	
2 to 3 ft., 1-yr.	6.00
3 to 4 ft., 1-yr.	9.00
<b>JUNIPERUS VIRGINIANA,</b> Red Cedar.	
6 to 9 ins., 1-yr., fr.	6.00
9 to 12 ins., 1-yr., fr.	7.50

All nursery stock offered by this firm will be first-class, and our packing and care of the plants will be as good as can be had. We invite you to send us your want list for our quotations.

**McMINNVILLE TREE CO.**

Route 2 McMinnville, Tenn.

**RED RHUBARB**

Chipman's Canada Red

**KEELER'S GARDENS**

Sioux Falls, So. Dak.

**SPECIAL**

We can now offer some very good prices on **Dormant Budded Peach, Plum and Apri-cots** for 1948 delivery.

Be sure to get your contract orders in before we finish our budding for this season.

**SISK NURSERIES**  
Winchester, Tenn.**WE OFFER...****Our General Line of****SMALL FRUIT PLANTS**

Let us quote on your requirements.

**L. J. RAMBO'S WHOLESALE NURSERIES**  
Bridgman, Michigan

**W. G. FARRIER  
PLANT CO.**  
Omaha, Texas

- Vegetable Plant Headquarters For The Nation
- We Ship Direct to You Or Your Customer 50 Plants Or A Carload

**Sweet Potato**

**Cabbage**

**Tomato**

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**Onion**

- Weather Hardened Outdoor Grow
- 28 Years Growing Better Plants
- Complete Satisfaction Guaranteed
- Write For Complete Information

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Mahaleb Seedlings  
American Plum Seedlings  
Russian Olive Seedlings  
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Peach and Apricot Trees

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**STRAWBERRY PLANTS**

Streamliner Minn. 1166  
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Our 28th Year

**DOLLAR NURSERY**

Bloomfield, Ia.

**RHUBARB**

Chipman's Canada Red  
50,000 No. 1. divisions

**BASS NURSERY**  
Chadron, Neb.

American Association of Nurserymen as often as eligible since 1938.

**Van Heiningen Nursery.**

The Van Heiningen Nursery, Deep River, Conn., managed by Dick Van Heiningen, was opened by him in October, 1946. His grandfather was the first nurseryman from Boskoop, Holland, to sell to this country, and his father, Peter J. Van Heiningen, also exported to the United States until after the first World War. At that time, he came to this country and founded the Evergreen Nurseries, at Wilton, Conn.

Dick Van Heiningen was associated with his father before entering the service. Since the older man's death in 1944, the Evergreen Nursery has been managed by his former partner.

Operating his new company on a strictly wholesale basis, Dick Van Heiningen expects to have, in time, a complete line of evergreens. As he has been growing everything himself, and only since the fall of 1946, sales will not begin until this next fall. At present, perennials and shrubs are the chief products.

**Weston Nurseries, Inc.**

Weston Nurseries, Inc., Weston, Mass., is located twelve miles west of Boston, one-quarter mile off Commonwealth avenue. Because of its proximity to residential areas, such as the Newtons, Wellesley and Brookline, the business is almost entirely of a retail character.

Greater Boston borders zone 4 on the hardiness map; so the variety of plants needed to fill the wants of homeowners is extremely large. Eastern Massachusetts is rough in its terrain and its soils are variable, and as a result, the nursery is not confined to a single area, but its 200 acres are scattered over a number of fields, some several miles apart.

Unlike the majority of retail nursery establishments in America, the Weston Nurseries do not maintain extensive sales grounds. This situation has come about because it has been found that the public prefers freshly-dug material and clients have confidence in the nursery's ability to fill telephone and mail orders with first-class material.

Recently Weston Nurseries has embarked upon a tremendous land-clearing project at Hopkinton, a small town twenty-five miles west of Boston, which is famous as the starting point of the B. A. A. marathon. This new nursery plot of several hundred acres contains excellent soil and is all in one area, a distinct

[Continued on page 90.]

**THE  
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Telephone: Bridgman 34F2  
BRIDGMAN, MICHIGAN

**Growers of  
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**GRAPEVINES**

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We would be pleased to quote on your want list and would welcome your surplus list.

**The Fletchers,**

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**TENNESSEE NURSERY CO.**

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Fruit Tree and Lovell Peach Pits headquarters, will be represented at Boston by A. J. Fletcher, Jr., L. C. Fletcher, W. W. Jacobs, Mesdames Leah Fletcher Hoyle, Pauline Fletcher Jacobs, Agnes Wilger Fletcher, A. J. Fletcher, Sr.

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**THE NEW PIXWELL**

ushers in a new era in **Gooseberry** growing. Easy to pick, hardy and most productive, the Pixwell puts profit in gooseberries.

Write for price.

**BERGESON NURSERY**

Fertile, Minn.

Fruit Trees, Berries and Small Fruits.

Write for complete list.

**MOUNTAINBURG NURSERY**

Mountainburg, Ark.

# Washington Conference at Seattle

By Carol Wieting

Nearly 100 nurserymen, research workers and officials of the University of Washington and Washington State College met at Seattle for a summer conference June 27 and 28. The 2-day session was given over to lectures and discussion of problems of production and merchandising. All phases of the conference indicated how much can be accomplished by close cooperation between progressive industries and the institutions that have been set up to serve the public. The conference was sponsored mutually by the Washington State Nurserymen's Association, the Washington chapter of the American Association of Nurserymen, Washington State College, at Pullman, and the University of Washington, at Seattle. Guggenheim Hall, which is on the campus of the University of Washington, served as headquarters for the meeting.

Dr. John Hanley, editor of the Northwest Gardens and Homes magazine, directed the first day's meeting, starting by introducing the first speaker, Dr. S. C. Vandecaveye. Dr. Vandecaveye is head of the soil science department at Washington State College. Introducing the subject "Science of Soil Nutrition," he made some comparisons between the results obtained by feeding plants growing in water or sand cultures and those obtained by feeding growing materials in natural soil. According to his experiments, fertilizers may produce entirely different reactions on soil largely because it is a living organism full of minute plants and animals that can change the effect of the fertilizer when it reaches the soil.

Considerable research work is being carried on at Pullman to determine ways of providing the well balanced diet that plants need in abundance in this area. This is done by making controlled tests in greenhouses and correlating results of these with those of tests in the field so that reliable information can be passed on to horticulturists. Dr. Vandecaveye pointed out that his department is perfecting equipment with which soils can be tested and that in the near future soil tests may be made available to residents of the state.

Following the talk on soils, Dr. M. R. Harris, extension pathologist with Washington State College, dis-

cussed a topic of considerable importance in many areas now, that of "Virus Diseases." In opening his talk, Dr. Harris outlined the four main sources of disease injury to plants: Bacteria, a low form of plant life; fungi, another form of plant; unfavorable environment, and viruses. Control for the first two is relatively simple through the application of spray materials. The third hazard can be remedied by improving the general growing conditions of the plant, such as soil, exposure or moisture.

Dr. Harris pointed out that virus diseases as a whole are difficult to isolate, there apparently being no causative organism, such as there are in fungi and bacteria. The thought now is that viruses are not living matter but more chemical in nature, perhaps allied to proteins. The disease takes different forms, sometimes a discoloration of foliage, at other times a distortion of the fruit and at still other times the killing of the plant. Spread of tree and other plant viruses is possible through insects. Tree virus is spread by grafting and budding; either the stock or the scion may be contaminated and pass the disease to the healthy part. Plant viruses, such as tobacco virus, are spread by placing the juice of an infected plant upon a healthy one. Even a cigarette stub may harbor this

virus which affects some other plants, such as tomatoes and peppers. The lurking danger of these virus diseases was emphasized by Dr. Harris, and he mentioned that in some parts of the United States entire plant industries had been seriously hampered by the rapid spread of the pest.

"What the Homeowner Desires in Landscape Materials" was the subject of a talk by Prof. O. B. Howell, extension worker in landscape gardening problems at Pullman.

The next speaker, Dr. John Snyder, extension horticulturist with Washington State College, from a title of "What the Fruit Grower Wants," outlined the specific desires of this type of customer and some definite ways a nurseryman can fill his needs.

The morning session was highlighted by the showing of a motion picture titled "The Gift of Green." This is a picture in color and sound produced by the New York Botanical Garden and circulated in different parts of the country for showing

## RARE BULBS and PLANTS

*Agapanthus*, dwarf  
*Astroemeria*, in variety  
(including beautiful blue *A. violacea*)  
*Amaryllis belladonna* Hybrids  
*Besleria elegans*, Mexican  
*Calla maculata* alba  
*Chlidanthus fragrans*  
*Ixia Bloom Erf*  
*Milla biflora*, "Estrellitas"  
*Nerine*, in variety  
*Streptanthus elegans*  
*Watsonia Beatrice* Dazzler

### HAEMANTHUS KATHARINAE

New pot plant. Handsome foliage. Magnificent 6 to 9-inch umbel of tomato-colored flowers on 15-inch stem. Summer blooming. Wonderful for decorating patios and porches. \$2.50 each.

### VELTHEIMIA VIRIDIFOLIA

Big heads of rose-red, tubular flowers on 2-foot stem. Bold habit and beautiful bright green, shiny leaves with wavy edges. Especially good as pot plant for Christmas and Easter trade. \$30.00 per 100.

All the above, native to South Africa, South America or Asia, are grown by us and do well in this climate.

Delivery fall and winter.

### WHOLESALE ONLY

Ask for dealer's descriptive catalog and price list.

## LAS POSITAS NURSERY

P. O. Box 750  
Santa Barbara, Cal.

## ORDER NOW

for 1947-48

Apple Seedlings

Pear Seedlings

Chinese Elm Seedlings

We specialize in these items.

Our quality is tops.

WASHINGTON NURSERIES

Toppenish, Wash.



to interested groups. The picture traced the production of leaves and flowers through the utilization of raw materials from the air, water and soil. It was clearly shown how these raw materials are converted into the finished product as food for animals, food for humans and structural materials for use in many channels. In fact, all life and progress are dependent upon the conversion faculty of the leaf.

Because of the similarity in appearance of the many fruit varieties outside the bearing period there has been created a demand for information of ways to determine differences. Dr. J. H. Schultz has been carrying on research in this field at the irrigation branch experiment station at Prosser. As the next speaker, he described some phases of his work, citing first the fine results accomplished by Dr. F. R. Shaw, of Massachusetts, in helping growers of the New England states with their identification problems.

Dr. Schultz pointed out that growers frequently propagate the wrong variety because they are not familiar with the foliage characteristics that will identify the plant correctly. Orchardists will sometimes give to nurserymen budwood from trees which are misnamed. The purpose of Dr. Schultz's work at Prosser is eventually to establish a reliable source of true-to-name trees from which nurserymen may obtain certified propagating material and also, through inspection of budwood sources at the various nurseries, to give the nurseries certificates as having true-to-name plants. Row-to-row budding of trees is to be discouraged, and certified budwood trees are to be used instead.

Following this talk, luncheon was served in the Home Economics building banquet hall. The featured speaker at the luncheon meeting was Dean Howard Preston, head of the College of Business and Economics at the University of Washington. Through the use of charts and quoting from reliable financial publications, Dean Preston gave a picture of what the nurseryman might expect in his business in the next few years. Nurserymen were cautioned against using figures and facts quoted for business and industry as a whole when thinking about their own business. An instance was mentioned where purchases of all commodities in an area showed an over-all increase while there was a decline of two items on the list, jewelry and floral products.

The national income is greater now

## A COMPLETE SELECTION OF ALL VARIETIES on all root stock.

Cherries  
Nectarines  
Figs  
Persimmons  
Pomegranate  
Walnuts  
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Apricots  
Apples  
Almonds  
Peaches  
Plums  
Prunes  
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### CITRUS SHADE TREES

Write for 1947-48 Price List



## DEL RANCHO FORTUNA

T. A. Sand, Owner  
McFARLAND, CALIF.

Located One Mile South and Two Miles East of McFarland, Kern County, California. 560 Acres of Virgin Soil devoted exclusively to the WHOLESALE growing of NURSERY STOCK for the retail NURSERYMAN.

## SPECIALTY ITEMS FOR 1947-48

Fruit Trees, Apple and Pear Seedlings, Grapes, Red Lake Currants, Streamliner Strawberries, Small Fruits, Walnut Trees, Filbert Trees, Chestnut Trees, Flowering Crabs, Flowering Plums, Black Locust, Red and White-flowering Horse Chestnut, Poplars, Weeping Willows, Deciduous Shrubs, Broad-leaved Evergreens, Conifers and Roses.

Check this list and write today for quotations.  
Our wholesale catalog is available to legitimate nurserymen.

### RICH & SONS NURSERY

Route 4

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## OREGON - GROWN ROSES

We grow the very best of the Standard as well as Patented varieties in Hybrid Teas, Polyanthas, Climbers and Floribundas.

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## The RICHMOND NURSERIES

Richmond Beach, Wash.



We offer  
a large  
and complete line  
of

EVERGREENS

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DECIDUOUS SHRUBS

HEATHER AND AZALEAS

Please write for  
Fall Trade List

**O. R. ADAMS**

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## MILTON NURSERY CO. MILTON Since 1878 OREGON

Flowering, Ornamental and  
Shade Trees

Oregon and Washington-grown  
Fruit Tree Seedlings

Angers Quince  
Rooted Cuttings

Our Combination Carlots to  
Eastern Distributing Points assure  
minimum transportation cost.

Use your letterhead for corre-  
spondence.

## SHINGLE TOW

(Baled Cedar Shavings)

Immediate shipment  
carload lots.

**MONARCH SHINGLE CO.**

P. O. Box 37  
North Portland, Ore.

than during the war. Because of increased prices agricultural prosperity is good. Building activities are being hampered somewhat by high material and labor prices. Dean Preston pointed out that there is little possibility of having a high personal income and high prices for things we want to sell and still have low prices for things we want to buy. All indications point toward fairly stable high prices and good over-all business activity for some years to come.

After returning to the auditorium for continuation of the conference, D. H. Brannon, extension entomologist, outlined a control program for the major insect pests. He cited the fact that there are between thirty and forty insect types doing damage to crops in the northwest. Scale insects should be controlled with a dormant spray of oil or lime-sulphur. Leaf hoppers and tarnished plant bugs can be controlled by applications of DDT. White fly needs several applications of a contact insecticide for eradication as the contact spray will not kill the eggs.

Leaf-eating insects such as slugs, caterpillars and weevils can be held in check by keeping the foliage covered with cryolite or lead arsenic or DDT sprays. Leaf miners on holly and boxwood need a carefully timed spraying program. The adults of this pest emerge from the leaf only during a few-day period in spring, lay their eggs and die. A foliage covering of DDT will provide a good control. Earwigs can also be controlled with a five to ten per cent dust of DDT distributed on the ground in the area of infection. Mr. Brannon recommended the new material, hexaethyl tetraphosphate, as a good control for red spider. This product is a contact killer, and several doses might be necessary to kill other generations as they emerge from the eggs.

Dr. M. R. Harris, extension pathologist, was well qualified to give the next talk, which was a resume of the work carried on by an extension worker. His main activity is that of interpreting the research work done in all parts of the country so that nurserymen, orchardists and others can benefit. This is done through demonstrations at group meetings on farms and nurseries. Booklets and leaflets must be prepared by the extension worker for the use of horticulturists. In addition, newspaper articles and radio talks must be edited to see that correct information is disseminated to the public. Also, to be sure that there is a future supply of farmers

## Growers of THE WEST'S FINEST LINING-OUT STOCK

AZALEAS  
CAMELLIAS CONIFERS  
BROAD-LEAVED  
ORNAMENTALS

Send For Our Large  
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Duarte Rd. at Myrtle Ave.  
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## Northern-Grown FRUIT AND SHADE TREES

Washington's Oldest, Largest Nursery

Established 1906

**COLUMBIA & OKANOGAN  
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WENATCHEE, WASHINGTON

**Learn**

## LANDSCAPE GARDENING

FOR  
PLEASURE  
OF PROFIT

• TO START  
YOUR OWN  
BUSINESS

• TO IMPROVE  
YOUR  
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A thorough interesting home training covering your regional conditions for both those who wish to become LANDSCAPERS, DESIGNERS and GARDENERS, and those who wish to learn for their own use and pleasure. EMPLOYEE TRAINING Nurserymen from Maine to California are using this training to upgrade employees. It may be of help to your organization.

Send for FREE BOOK  
APPROVED FOR VETERANS  
NATIONAL LANDSCAPE INSTITUTE  
Dept. N-7, 310 S. Robertson, Los Angeles 36

## BALED SHINGLE TOW (CEDAR SHAVINGS)

**WM. A. JOHNSTON**

408 Postal Bldg., Portland 4, Ore.

and other agricultural workers, the extension worker is active in the development of 4 H groups, clubs for young people and students.

The remainder of the afternoon was given over to a tour of the University of Washington Arboretum. This was led by Brian O. Mulligan, director of the arboretum. The group of nurserymen walked over the 267 acres that comprise its grounds while Mr. Mulligan pointed out plants of interest and value. The general plan and aims of the arboretum were described as well as its history. Areas of future development were viewed at close range.

In the evening the nurserymen met for dinner and a social period in the Hotel Hungerford dining room in downtown Seattle. As toastmaster of the evening Dr. John Hanley introduced Dr. T. A. Merrill, head of the department of horticulture at Washington State College. Dr. Merrill introduced his many staff members who had gathered from the various experiment stations throughout the state. First speaker of the evening was Judge William G. Long, of the Seattle Juvenile court, who gave an amusing discourse on his gardening and hunting experiences. Then followed Mrs. Alice Sessions Merrill, Dr. T. A. Merrill's wife. Mrs. Merrill, in an amusing and inspiring talk, showed ways in which nurserymen could better their conditions.

In a meeting of the Washington branch of the American Association of Nurserymen which followed it was decided to hold the next conference at Yakima.

The sessions on Saturday, June 28, opened under the chairmanship of Dr. T. A. Merrill, of Pullman. First speaker was Ray Beam, of the May Nursery Co. at Yakima, who headed an open discussion of the current supply and demand of nursery products. Following this, Julius Rosso, of the Seattle Flower Growers, wholesale florists at Seattle, suggested ways in which the floral industries and the nurseries could be mutually helpful. It was pointed out that the war years had made the public appreciate nursery and flower products because of the shortages. Now, with still shorter hours of the workday looming, increased public leisure will be paralleled by an increased demand for ornamental horticultural products.

However, as Mr. Rosso pointed out, nurserymen and florists would have to go after this business by good public relations work and advertising and general improvement of their

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sales procedures. Group advertising was urged, and Mr. Rosso cited the success of the Seattle Allied Florists and their cooperative advertising. Such organizations through careful publicity can avert seasonal market gluts. Mr. Rosso also pointed out that nurserymen should be more appreciative of publicity that is given their industry by radio talks and newspaper garden sections and so stimulates buying interest. Nurserymen were also encouraged to pay attention to the appearance of their nurseries as salesrooms and to their employees as salesmen.

Dr. E. C. Blodgett, of the branch experiment station at Prosser, outlined the nursery improvement program of which he has charge. The program has been set up and backed by the Washington state department of agriculture for the encouragement of nurserymen to produce clean, true-to-name, well grown nursery stock. Dr. Blodgett hopes to accomplish this through the inspection of nurseries to eliminate unhealthy and misnamed stock, and with a program of helping people who handle nursery stock to know their materials better.

At the luncheon which followed, Dr. Blodgett gave an interesting account of experiments being made in the study of the little cherry virus disease. This work consists of inspection of thousands of individual trees, mapping of orchards and cooperation between an entomologist and pathologist who have been assigned to this work.

Saturday afternoon after Dr. Blodgett's talk, members of the Washington State Nurserymen's Association met for an election of officers. New officers for the coming year are Ray Beam, of the May Nursery Co., Yakima, president; B. R. Sturm, of the Washington Nursery Co., Toppenish, vice-president, and Gordon Plough, of the Columbia & Okanogan Nursery, Wenatchee, secretary-treasurer. As advisers for the next year the following were selected: Frank Stanek, of Spokane; W. D. Plough, of Wenatchee, and Harold Hopkins, of Bothell.

With the close of the business meeting, the nurserymen formed a caravan of cars for a tour of three nurseries in the Seattle area. First the group stopped at the Malmo Nurseries, where they were shown through the grounds by Clarke Malmo. The next stop was the State Flower Nursery, Bothell. There John Van Dyke conducted the nurserymen through the propagating houses, lath houses and through the beautifully landscaped grounds. This firm spe-

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cializes in the production of azaleas and rhododendrons. The final stop was made at Richmond Beach Nurseries, Richmond Beach. Ray Adams, proprietor and also president of the Washington chapter of the A.A.N., led the group through his plantings of general nursery stock.

The summer conference was climaxed by a boat trip through scenic Lake Washington and into Elliot bay on which is part of Seattle's industrial water front.

[To Be Concluded.]

### OREGON MEETING.

Nearly 200 attended the summer picnic meeting of the Oregon Association of Nurserymen at the international rose test gardens at Washington park, Portland, June 19, including eight representatives from Oregon State College and a like number from the state department of agriculture.

Fred Edmunds, curator of the rose test gardens, conducted a tour of the terraced rose gardens, and his anecdotes on his early horticultural experiences dating back to the late nineteenth century, when he started his horticultural work in England, were of great interest to all.

In the Portland international rose test gardens will be found the best of the old standard varieties of roses and the best of the patented kinds, and on the lower terrace will be found beds devoted to new roses. A few of these are named, but most are designated only by numbers. Many of these will be introduced to the public in the next year or two. In this section the roses are being tested for their performance in Portland's ideal rose climate. Besides the new varieties produced by hybridizers in this country, there are roses from Spain, Italy and France.

An informal meeting was held prior to the picnic supper. President F. A. Doerfler turned the meeting over to Dr. J. A. Milbrath, associate plant pathologist of the Oregon agricultural experiment station, and J. S. Wieman, superintendent of the Oregon bureau of nursery service.

Prof. A. N. Roberts, of the department of horticulture of Oregon State College, spoke briefly on the various mulches being tried on roses at the college's trial grounds at Corvallis and reported that shingle tow had proved quite good, as it did not seem to tie up the nitrogen in the soil as do fir and alder mulches. Flax waste is being tried for the first time, and paper mulches appear promising.

Dr. Milbrath reported that the college now has twice as much money

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Although our supply of finished stock for the coming season is very limited, we will have for fall and spring delivery a large selection of ornamental rooted cuttings, transplants and potted liners. Prepared, packed and shipped as you direct.

We will also have a good selection of fine Oregon-grown roses.

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to work with as in former years, partly from an increased appropriation from the state legislature and partly from the estimated \$6,000 per year expected to be raised by the nursery bill sponsored by the Oregon bulb growers, florists and nurserymen, and passed by the state legislature, which imposes a tax on the nursery industry to be collected at the same time as the fee for the nursery license. The funds from this tax are to be used for research purposes.

E. Dering was called on to report on advances made in the hybridizing of roses in the United States. He reported that thirty years ago there were few rose hybridizers in this country and that we had to depend on Europe for new roses. However, several horticulturists became interested in that work and traveled to Europe to study hybridizing. There are now several top-notch hybridizers in the United States. They are doing a wonderful job, and Mr. Dering predicted that in another ten years hybridizers in the United States will be producing enough new roses so that the European growers will be able to send to this country only really outstanding varieties.

In closing the informal meeting Dr. Milbrath gave the nurserymen a general invitation to call at the state college when at Corvallis.

Julia Hausch, Sec'y.

#### REDWOOD EMPIRE ASSOCIATION MEETS.

The forty-sixth meeting of the Redwood Empire Nurserymen's Association was held June 10 at the Deer Park Villa, Fairfax, Cal. Thirty members were present.

Officers for the ensuing year were elected, as follows: Henry Martin, president; Patrick Flynn, vice-president; Joe Badger, secretary-treasurer, and Leo Ihle, state director. The nominating committee was composed of Don Perry, Patrick Flynn and Tony Campiglia.

Clyde von Grafen listed the three classes of exhibits at the coming Sonoma fair. They are old-fashioned gardens, woodland scenes and formal gardens.

Aaron Rucker, general manager of the Marin art and garden show, was introduced by Don Perry. He gave an interesting resume of this year's show. The association voted to enter an exhibit in the show, and a committee consisting of Don Perry, Joe Badger and Patrick Flynn was appointed by President Robert von Grafen.

Ernest E. Munson, Sec'y.

### THE COLLEGE OF AGRICULTURE AND FORESTRY UNIVERSITY OF NANKING - Nanking, China HORTICULTURE EXPERIMENTAL GARDEN Announcement of Resumption of Supply of Tree Seeds

To American Nurserymen:

Our Garden has supplied seeds of Chinese native trees since 1917. Unfortunately, the supply had to be discontinued due to the Sino-Japanese War. Now our University has completed the necessary preparation for the resumption of the seed supply for our old customers in the United States. We are still the most reliable source for your tree seeds from China. Please let us have the pleasure of serving you again.

Truly yours,

Chia-wen LI, Professor of Horticulture,  
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#### List of Chinese Seeds for 1947-48

Wild Fruits		Evergreens	
	Time of U. S. \$ Ripening perib.		Time of U. S. \$ Ripening perib.
<i>Amgdalus davidiana</i> (Wild peach) .....	Aug. \$ 3.50	<i>Castanopsis sclerophylla</i> .....	Oct. \$20.00
<i>Diospyros lotus</i> (Wild persimmon) .....	Nov. 8.00	<i>Juniperus chinensis</i> .....	Dec. 15.00
<i>Diospyros kaki</i> (Cutl. persimmon) .....	Nov. 10.00	<i>Ligustrum lucidum</i> .....	Nov. 2.50
<i>Morus alba</i> (White mulberry) .....	May 20.00	<i>Photinia serrulata</i> .....	Dec. 15.00
<i>Pyrus calleryana</i> (Wild pear) .....	Oct. 25.00	<i>Pinus koraiensis</i> .....	Oct. 10.00
<i>Zizyphus Jujuba</i> (Chinese date) .....	Sep. 15.00	<i>Pinus massoniana</i> .....	Sep. 7.00
Nuts		Ornamentals, Forest and Shade Trees	
<i>Castanea henryi</i> .....	Sep. 4.00	<i>Cercis chinensis</i> .....	Sep. \$20.00
<i>Castanea mollissima</i> .....	Sep. 2.50	<i>Gleditsia sinensis</i> .....	Sep. 5.00
<i>Ginkgo biloba</i> .....	Sep. 2.50	<i>Hovenia dulcis</i> .....	Sep. 15.00
(Maldenhair tree) .....	Sep. 2.50	<i>Koeleruteria paniculata</i> .....	Sep. 10.00
<i>Hicoria cathayensis</i> .....	Oct. 4.00	<i>Lagerstroemia indica</i> (Crape myrtle) .....	Nov. 50.00
<i>Juglans regia</i> .....	Oct. 2.50	<i>Sapum schiferum</i> (Candleberry) .....	Oct. 2.00
Var. <i>chinensis</i> .....	Oct. 2.50	<i>Sophora japonica</i> (Pagoda tree) .....	Nov. 5.00
		<i>Firmiana simplex</i> (Sterculia platanifolia) .....	Oct. 5.00
		<i>Thea oleifera</i> .....	Nov. 7.50
		<i>Ulmus pumila</i> .....	May 20.00

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### SPRING IN OREGON.

Bearing out the earlier reports from the Pacific coast on the good weather and better supply of labor for spring wholesale business, which appeared in the June 15 issue, and supplementing the other reports in the July 1 issue is a later report from C. B. Miller, vice-president of the Milton Nursery Co., Milton, Ore., who comments on the season as follows:

"I would say that, as a whole, considering all phases, general conditions are better now than a year ago. During the fall, winter and early spring of the season of 1945-46, the Pacific northwest endured the worst wet conditions in quite a number of years. This greatly interfered with digging and planting in the fall of 1945, also damaged a large amount of fruit tree seeds during the winter which had been planted in the fall.

"We have had what might be called an ideal amount of moisture during the season of 1946-47, resulting in a good normal stand of fruit tree seedlings and other type of nursery stock which now show evidence of making up nicely by fall. We believe that all of the nurseries have a good average supply of all types of nursery stock to offer to the trade for next season's delivery.

"The labor situation is better now than a year ago, for labor is more plentiful. Although the wage scale remains about the same, the employer has more of a choice, and this results in better efficiency.

"The general average price of all farm commodities, including fruits, remains very good. This will result in good profits for the producer and should insure the nurserymen continued stabilized prices for their products."

**MELROSE NURSERY**, 2614 Melrose avenue, Tacoma 6, Wash., has been opened by John E. Eichler, formerly of Dash Point, Wash.

**MARY ELMORE FLOWER PLANTS**, a retail store selling perennials, has been opened by Mary Elmore at Bellevue, Wash.

**CARL PEARLSTEIN**, of the Nurserymen's Exchange, San Francisco, Cal., and Mrs. Pearlstein returned recently from a trip to South America.

**MR. AND MRS. HENRY HAUSCH**, Roseway Nurseries, Portland, Ore., left June 25 on a business trip through the state of Washington and to attend the Washington State Nurserymen's Association conference at Seattle.

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Rosebushes and Herbaceous plants

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Rooted cuttings, mixed, unlabeled, \$5.00 per dozen or \$60.00 per 100.

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RARE CAMELLIAS, such as Debutante, Purple Dawn, Lee's Pink, Kumasaka variegated, Nagasaka, Alba Superba, Gigantea, Victor Emmanuel, Laurel Leaf, Col. Firey, Gov. Bouton, St. Elmo, Glen 40, Margharita Calceonie, Lady Van Stikoff, Rev. John Bennett, Mme. de Sretaloff, Woodville Red, Pink Ball, Purity, Ethelton White, Snow Drift, Rose Dawn, Daikagura, etc.

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Retinospora Plumosa Aurea ..... \$10.00

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INDICA (large type), such as Fisher Pink, Pride of Mobile, Elegans, Formosa, or mixed unlabeled.

6 to 10 ins., \$6.00 per doz. or \$30.00 per 100, 10 to 15 ins., \$1.00 each.

DWARF AZALEAS (small type), such as Hindogiri, Coral Bells, Hexe, Snow, etc., or mixed unlabeled.

4 to 6 ins. (April delivery only), \$6.00 per dozen.

25 per cent deposit will reserve your order. Terms: Cash.

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Dept. 26 Biloxi, Miss.

## DEALERS ATTENTION!

Gardenias and Ericoids are both quick sellers. Can furnish B&B, 75c each, in truckloads at nursery.

Gardenias, 18 to 24 ins., bushy.

Ericoids, 2 1/2 to 3 ft., fine specimens.

WATSON NURSERY  
Monticello, Florida

## LINING-OUT STOCK

	Per 100	Per 1000
Pachysandra Terminalis	\$ 4.00	\$ 40.00
Red Jap. Maple, pot gr., grafts	75.00	
Andromeda Jap., pot gr., R.C.	25.00	200.00
Taxus Cuspidata, 1-yr. bedded	15.00	125.00
Taxus Capitata, 1-yr. bedded	25.00	
Taxus Hicksi, 1-yr. bedded	15.00	125.00
Taxus Hatfieldi, 1-yr. bedded	17.50	150.00
Taxus Brevifolia, 1-yr. bedded	20.00	
Tsuga Canadensis, 2-yr. tr.	7.00	60.00

Complete list of liners, including Azaleas, Rhododendrons, etc., on demand.

VERKADE'S NURSERIES, Wayne, N. J.

## FINISHED EVERGREENS

	ea.	Per 100
Juniper, Sabina, 18 to 24 ins., B&B	.....	\$2.50 \$200.00
Juniper, Andorra, 18 to 24 ins., B&B	.....	2.50 200.00
White Spruce, 2 1/2 to 3 ft., B&B	.....	2.50 200.00
Muncho Pine, 15 to 18 ins., B&B	.....	2.00 175.00
Hoxwood, hardy, 10 by 10 ins., B&B	.....	1.50 125.00

All plants are very nice and compact, you will like them. Order now for Fall planting.

BEVERLY NURSERIES

Maysville Rd. Ft. Wayne, Ind.

## HEMLOCK LINERS

	Per 100	Per 1000
Canadian Hemlocks, 18 to 24 ins., X	.....	\$15.00 \$110.00
3200 9 to 12 ins., X	.....	25.00 195.00
300 10 to 12 ins., X	.....	26.00

95 per cent of above, single tops. No packing charges. Shipped when wanted, prepaid.

Can be inspected by appointment. Cash with order.

We want 5000 Pfitzers, 10 to 12 ins., X.

WHERRY'S NURSERIES

Phone 9-F-2 St. Marys, W. Va.

## NEW INTRODUCTION

### AZALEA HINO-CRIMSON

Showy, clean, crimson-red, nonfading flower. Large, glossy, dark green foliage. Excellent forcer. A cross between Hindogiri and Amoenia and harder than Hindogiri.

Ask for color photo. From 2 1/2-in. pots.

\$25.00 per 100; limit, 250. Cash with order.

JOHN VERMEULEN &amp; SON, INC.

Westbury, L. I., N. Y.

## LINING-OUT EVERGREENS

	ea.	Per 100
Taxus Cuspidata, 3-in. pots, 2-yr.	.....	\$0.30 \$275.00
Taxus Hicksi, 3-in. pots, 2-yr.	.....	25 225.00

These plants are nice and ready for field.

Immediate or fall delivery.

Cash, please.

BEVERLY NURSERIES

Maysville Rd. Ft. Wayne, Ind.

## GARDENIA (Hadley's), \$5.00 minimum.

6 to 10 ins. .... \$0.50

4 to 6 ins. .... .30

25 per cent deposit will reserve your order.

Terms: Cash.

## NATIONAL NURSERIES

Dept. 26 Biloxi, Miss.

## CORAL BELLS AZALEA

Rooted cuttings. Ready now.

\$35.00 per 1000; \$4.00 per 100.

Cash with order.

## KRUSCHKE GREENHOUSES

Clackamas, Ore.

Increase your business

by offering needed

stock and supplies

through the Classified Ads.

## HARDY PLANTS

### UNEQUALED

## GIANT PRIMULA POLYANTHA

Barnhaven's Famous Hand-Follinated

strain. Individual blossoms dollar-size and

over; rich, clear colors, rare shades, no two

exactly alike; heavy velvet, crepe or satin

textures; large trusses and heavy stalks ex-

cellent for cutting; hardy in below-zero

climates.

## HUSKY TRANSPLANTS

For early 1948 bloom:

VICTORIAN SHADES: From American

Beauty, cerise, crimson, fuchsia, blue,

lavender and purple plants, often silver-

edged.

GRAND CANYON SHADES: From bronze,

copper, flame, burnt-orange, terra cotta and

brown plants.

PASTEL SHADES: From pink, peach, rose,

carmine, orchid, ivory and white plants.

BRILLIANT SHADES: From scarlet,

flame, crimson and maroon plants often gold-

edged.

WHITE: Magnificent paper-white with

gold or orange eye.

YELLOW and ORANGE: Primrose, gold

and orange.

Above six color series sold separately or in

assortments to order: \$7.50 per 100; \$60.00

per 1000; \$250.00 per 5000, 250 at 1000 rate.

Delivery July, August, Sept., postpaid west

of Rockies. Add 5 per cent east. Expert

packing.

## BLUE PRIMULA ACAULIS

Barnhaven's famous blues available in

quantity for first time. Large, many silver-

edged, light, medium and dark shades, heavy

textures and stems. \$10.00 per 100. Delivery

as above.

Summer list now ready.

BARNHAVEN GARDENS.

Box 218A Gresham, Ore.

## PEONIES

	Per 10	Per 100	Per 1000
Alexandre Dumas	.....	\$ 3.00 \$ 27.00 \$250.00	
Candidissima	.....	4.00 35.00 300.00	
Chestine Gowdy	.....	19.00 85.00 600.00	
Edulis Superba	.....	3.00 27.00 250.00	
Festiva Maxima	.....	3.00 27.00 250.00	
Karl Rosfeld	.....	7.50 60.00 500.00	
Lady Lenora Bramwell	.....	3.00 27.00 250.00	
L'Eclatante	.....	7.50 60.00 500.00	
Mme. Jules Desmet	.....	10.00 125.00	
Mons. Jules Elie	.....	6.00 55.00 500.00	
Reine Hortense	.....	6.00 55.00 500.00	
Sarah Bernhardt	.....	6.00 55.00 500.00	
Queen Victoria	.....	3.00 27.00 250.00	

Peonies According to color:

White and Pink ..... 3.00 25.00 230.00

PHIL LUTZ PEONY FARMS

Moonville, Ind.

## GYPHOPHILA BRISTOL FAIRY

Per 100 Per 1000

Grafted, 2-in. pots ..... \$20.00 \$150.00

Grafted, 3-in. pots ..... 28.00 250.00

DELPHINIUM BELLADONNA IMPROVED

Field seedlings ..... 2.50 15.00

1-yr. field seedlings ..... 3.50 30.00

2-in. pots ..... 6.00 55.00

PACIFIC HYBRID DELPHINIUM

2-in. pots ..... 8.00 75.00

Send for trade list.

STRATFORD GARDENS, Delaware, Ohio

## DELPHINIUMS

Pacific Giants equally mixed with King

Arthur, Blue Jay, Black Knight, Summer

Skies, Sir Lancelot, Lady Guinevere and Sir

Galahad. Healthy, 1-year field-grown, \$6.00

per 100, \$50.00 per 1000.

(250 at 1000 rate.)

Belladonna (Cliveden Beauty), 2-year field-

grown, \$4.00 per 100.

## KAZOO-GOLIATH PANSY & PERENNIAL GARDENS

Kalamazoo 34, Mich.

## AUGA GENEVENSI, excellent evergreen

ground cover, hardy, blossoms resemble

small delphinium, 6 ins. high, mass of blue

in May, 2-year plants, \$4.00 per 100.

## LONGMEADOW NURSERIES

15 Parkside Longmeadow, Mass.

Send us your perennial want list.

Perennial price list now available.

VITTNER'S GARDENS

Manchester, Conn.

Perennial Growers

## HARDY CHRYSANTHEMUMS

Send for our 1947 catalog.

Cultural notes on cut flowers and pot plants.

C. C. BRECHT

Rt. 2, Delaware, Ohio

Giller Super-giant Pansy Plants.

November-sown in coldframes. Well rooted

in bud and bloom.

\$1.50 per 100; \$12.00 per 1000 plants.

RILEY'S NURSERY, Concordia, Kan.

## SEEDS

PEACH PITS, Lovell, 1 to 5 bu., \$3.00 per

bu.; 5 to 25 bu., \$2.85; 25 to 100 bu., \$2.75;

100 bu. and up, \$2.50.

WAYNESBORO NURSERIES

Waynesboro, Va.

PEACH PITS, southern-collected; high

germination, \$3.00 per bu. Fruit trees, shrubs.

RIVERDALE NURSERIES, Riverdale, Ga.

## SHRUBS and TREES

DAPHNE MEZERERUM, seedlings and lin-

ing-out stock. Early-flowering; rosy-purple;

fragrant; dwarf; foundation, rockery, hedge

or specimen purposes. Hardy, healthy fol-

iage, unusual and rare. 2 1/2-inch, \$9.00 per

100; 5 1/2-inch, \$12.50 per 100; 8 1/2-inch, \$15.00

per 100.

BLOODROOT — Sanguinaria Canadensis.

White, companion bloomer to Daphne, \$8.00

per 100 tubers.

Cash with order, F.O.B. Orillia.

Fall or Spring shipment.

WILLMOTS, 39 Tecumseh St.

Orillia, Ont., Canada.

LILACS, French Hybrids and Standard

varieties. One-year grafts, best flowering

varieties. \$25.00 per 100, \$225.00 per 1000.

DEERFIELD NURSERIES

Deerfield Street P. O., N. J.

Forms for classified ads close

Monday—two weeks before date of issue.

Don't miss an issue by sending copy late!

## MISCELLANEOUS

Priced per 100; 25 same rate, 10 per cent off for 1000.

Hemerocallis: Dr. Regal, Flavia, Kwanso,

\$5.00; Fulva, \$3.00. Funkia lanceolata, \$5.00.

Ground covers: Variegated Ivy, Phlox Sub-

stanta Rosea, White Orchid, \$1.50. Sedum

Coccineum, Acre and 6 others, \$1.00. Thyme,

pink, \$1.00; crimson, \$5.00. Bugle, \$4.00.

Pachysandra, \$5.00. Hall's Honeysuckle

Vine; Veronica, tall and creepers, seedlings;

Boltonia Latifolia; Foxgloves; Perennial

Asters, \$1.50. Lily of the Valley, \$1.25.

White and Blue Siberian Iris, \$3.00; Mixed

Japanese I., \$5.00; German I., \$



## SUPPLIES

Per 1000  
\$250.00  
300.00  
600.00  
250.00  
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230.00

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## AT BOSTON.

[Concluded from page 11.]

room for some beaches, such as at Newport. Connecticut has some towns and cities, with old houses and a college called Yale at New Haven.

No story about Boston and New England would be at all worth reading if it did not conclude with mention of food. New England is one of the best places to eat in the world. Of course, at the hotels and larger restaurants you can get whatever you want and can pay for. You can do that anywhere. But in Boston you have two types of things to eat that you just cannot buy elsewhere—in prime flavor, that is.

The first type is sea food. Most people have fresh fish most places these days—but it is not really fresh. It needs to be yanked out of the water and into the frying pan for that. So, while you are here, have some fresh fish—mackerel, bluefish, striped bass, cod, haddock, swordfish, halibut and so on and on and on. They are all good.

And on your must list put shellfish. Oysters are out, of course, but little neck clams on the half shell are something special now. And have fried clams if your digestion is good and clam chowder if it is not too good. In fact, have clam chowder anyhow. Real clam chowder is creamy-white—there are no tomatoes in it. Be sure to get your clam chowder in a good place—as there are chowders and chowders. Most are made with soft-shelled clams, but the very best is made with hard-shelled clams—quahogs, we call them here and down on the cape.

Other shellfish are scallops. There are two kinds, the cape scallops, which are superb but very expensive and hard to find, and sea scallops, which most restaurants serve. They are not so tender, but good enough for visitors.

Finally, king of all sea food is the lobster. This is a good time of year to eat lobsters, for they are now at their cheapest. You may have them broiled—live, fried, scalloped, a la Newburg, a la Thermidor and so on and on, but take it from a man who eats lobsters every chance he has, a man who has eaten them for nearly fifty years, the best way to eat them is cold, boiled and drenched with melted butter. Be fancy if you will, but for sheer flavor, cold, boiled and hot-buttered is best!

The second type of food is New England's own dishes. Naturally, you will think of baked beans and brown bread. Well, they are good,

if they are really baked and not boiled, but honestly, they are pretty hearty food and proper only in cold weather. This bit of warning aside, go to it. Try the three kinds—peas, yellow eyes and kidneys. They are arranged in order of heartiness and digestibility.

For breads, try baking powder biscuits or soda biscuits (these last are real Yankee and are made with soda and sour milk). Corncake is good, too. We use sugar in New England to make the stuff palatable, unlike down south where they must be powerful hungry to manage the stuff they eat.

Indian pudding is a mighty good dessert, especially with either whipped cream or ice cream. It is hearty; so go easy. Earlier we could have stuffed you until your eyes bulged with real strawberry shortcake, but it is too late for that now. Instead we have deep-dish blueberry pie and apple pie. We use blueberries here and not huckleberries, which are not worth picking, the gritty things! Our apple pie is superb because the east winds and the pure water of New England, combined with blue skies and humid air, give apples a flavor that is enjoyed nowhere else on earth. So, eat heartily of our pies. Too bad you are too early for our autumn eating, when pumpkin and squash pies are on deck.

You are too late for green peas, good ones, but perhaps our sweet corn will make up for them. Baby beets and carrots are other vegetables we are proud of serving, and our peaches, if you can find natives, are tops.

Boston is a cosmopolitan place—there are more nationalities here than you can believe until you see them. The point is most of them have their own cooking, and, if you choose, you may have meals a la the French, Italians, Greeks, Turks, Canadians, Spaniards, Chinese and—but what's the use? Come and eat yourself.

ROSS R. WOLFE, Stephenville, Tex., was the subject of the leading article in Look magazine for July 8, which told of the fortitude and serenity demonstrated by the 57-year-old proprietor of the Wolfe Nursery since he learned that an incurable disease would limit his span of life. He has stretched an allotted six months into two years already and enjoys with his family that small portion of his hours not now spent in bed.

# PROPAGATING KITS FOR GROWERS

Again available for propagating benches in the following units complete with soil thermometer, pilot lamp, all-glass thermometer, and long-life HEATSUM CABLE, the product of 13 yrs' research in our greenhouses.

Unit Sq. Ft. Wattage Voltage Length & Price	Heated	No units
"A"	20	120 1—60 ft... \$14.95
"B"	40	120 2—60 ft... 18.85
"C"	60	120 3—60 ft... 23.50
"D"	80	120 4—60 ft... 27.65
"E"	150	120 1—500 ft... 32.70
"F"	300	240 1—1000 ft... 52.50

For Stainless Steel instead of glass soil thermometer with any of the above kits, add \$2.75.

Stainless Steel Soil Thermometer...\$4.75.

All prices F.O.B., Seattle.

L. N. ROBERSON CO. Seattle 55, Wash.

1639 East 103rd St.

## KNOCK-DOWN FLATS

Made from a good grade of Southern Yellow Pine, since Cypress is not available.

Standard specifications, inside measurements.

16x12x2 1/2	.....	\$16.25 per 100
16x14x3 1/4	.....	20.50 per 100
20x14x2 1/2	.....	20.00 per 100
20x14x3 1/4	.....	23.00 per 100
22x15x2 1/2	.....	22.00 per 100
22x15x3 1/4	.....	25.00 per 100

All other sizes quoted on request. Prices F.O.B. Birmingham.

We are manufacturers, not jobbers. Freight to any point is a small item per flat. Our flats are the best. Why pay more? Our quality guaranteed. Prompt shipment, any quantity. Attach check to order.

HIGHTOWER BOX & TANK CO.

Birmingham, Ala.

## FINE-SCREENED DOMESTIC PEAT.

Acid pH 4-8. Some Nitrogen.

Our peat is excellent for lawns, cold-frames, perennial seedbeds and preparing soil for evergreen and shrubbery plantings.

Per 2-bu. bag

1 to 4 bags.....	\$2.00
5 to 24 bags.....	1.00
25 to 49 bags.....	.95
50 to 100 bags.....	.90

Write for price on baby cart. We ship same day order is received. Order early. Cash, please.

HAASE BROS.

116 S. Jefferson St. Peoria, Ill.

## ATTRACTIVE REDWOOD TUBS

Natural finish, excellent for Palms, Camellias and specimen plants. 12-sided tubs, mitered to fit tight, banded with cadmium-plated steel bands. Will ship small order for trial.

12-inch.....	\$1.40
14-inch.....	1.80
16-inch.....	2.10
20-inch.....	2.95

L. E. COOKE CO.

110 Vista St. San Gabriel, Calif.

## PROFIT WITH PERF-O-RAIN.

Rain when you want it—Low pressure—Rectangular strip watered—No overlap—No sprinkler heads or other gadgets—Portable lightweight pipe—Long life. Write for free folder. W. R. AMES COMPANY OF FLORIDA, 3905 E. Broadway, Tampa 5, Florida, or W. R. AMES COMPANY, 150 Hooper St., San Francisco 7, Cal.

## SPHAGNUM MOSS

Wisconsin's Quality Sphagnum Moss

Clean, long-fibered, solidly packed in burlapped or wired bales of standard size.

None better.

Trucked when feasible.

WARRENS MOSS CO., Box 7, Warrens, Wis.

GIBRALTER Frost Covers pay for themselves. Economical, long-lasting, ideal for windbreaks, 6 ft. wide; 50 ft., \$13.75; 100 ft., \$26.00; 150 ft., \$39.00. NEW AMSTERDAM IMPORT, 122 Chambers St., New York 7, N.Y.

## PRINTING

Letterheads, billheads, statements, cards, envelopes, tags, blotters, folders, catalogs, samples. Send copy for estimate.

J. GARLAND HILL, Dept. A, Seaford, Del.

## TRADE BOOKS

### TRADE BOOKS.

#### SPRAY CHEMICALS AND APPLICATION EQUIPMENT

by J. A. McClintock and Wayne R. Fisher, \$4.00.

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#### MAINTENANCE OF SHADE AND ORNAMENTAL TREES AND SHRUBS.

by P. P. Pirone, \$5.00.

#### TREES AND SHRUBS FOR LANDSCAPE EFFECTS.

by M. C. Coffin, \$3.00.

These books may be obtained, postpaid, at the publishers' prices indicated, from

AMERICAN NURSERYMAN

342 South Dearborn Chicago 4, Ill.

**MEET AT PAINESVILLE, O.**

The Lake County Nurserymen's Association met June 11 at the Parmly hotel, Painesville, O. After dinner, Ralph Stoddard spoke briefly about the Cleveland flower show for 1948. On behalf of the committee, he urged the association to take advantage of the opportunity to exhibit as a group.

In the election of officers, Thorne Brewster was reelected president, Robert Kallay was elected vice-president, Barrett Cole was elected to serve on the executive committee and Margaret Sessler was reelected secretary-treasurer.

Henry Kohankie, chairman of the Japanese beetle committee, reported that the airplane dusting program would be carried out and that the money recently subscribed by members of the Lake County Nurserymen's Association had been received. In accordance with the agreement with the Ohio department of agriculture, this contribution will provide Lake county's share of the cost of dusting 2,870 acres.

Mr. Fleming, of the state department of agriculture, spoke briefly about the dusting program. David Dugan, local inspector, relayed information received from John Baringer,

assistant chief of the division of plant industry, who is making the program possible. Mr. Dugan said that there would be two dustings, using ten per cent DDT, and that a special blower would be used for isolated finds. The dusting was scheduled to begin July 1, and F. G. Haskins, county agent, agreed to inform interested nurserymen of the exact time so that they might observe the operation.

Don Hover, soil conservationist, spoke briefly on conservation methods and answered several questions by members in regard to tiling, etc.

Melvin Wyant reported on the progress he had made in compiling the list of all members of the association and the map showing the location of each nursery. He said that it was ready for printing.

Prof. L. C. Chadwick, of Ohio State University, related some recent experiments made at the university. In the propagation of hardwood cuttings, he recommended the use of No. 7 silica sand and vermiculite No. 2. He also said that overhead watering was found to be the best method. He told about the use of Nacconol as a spray to defoliate shrubs before putting them into storage for winter. The only noticeable injury to plants has been late spring budding; they have been delayed about a week.

Following Professor Chadwick's interesting talk, representatives from the Sherwin-Williams Co. showed colored movies illustrating the use of Weed-No-More and also DDT products used about the home to repel insects of all types.

Margaret Sessler, Sec'y.

## Use Proliferol for Propagation

PROLIFEROL POWDER has been reported an excellent rooting aid for ALL types of cuttings, ranging from softwood to hardwood.

**2-oz. jar . . . . \$1.00**  
**1-lb. jar . . . . 4.50**

PROLIFEROL CONCENTRATE may be used wherever soaking is desired—particularly for bulbs and tubers. The contents of each capsule is sufficient to make one gallon of solution.

**8 capsules . . . \$1.00**  
**50 capsules . . . 4.50**

**Sckuykill Chemical Co.**

2346 Sedgley Avenue  
Philadelphia 32, Pa.

**TREE DOCTOR ARRESTED.**

H. A. Flowers, Mulberry, Ark., has been arrested for violation of the state law which requires that anyone who treats plants for insects or diseases must be licensed by the state plant board. According to the plant board, Flowers had been treating both fruit and shade trees by boring holes in the trunk and filling these with a brown powder tentatively identified as gentian root, charging 50 cents to \$1 per tree. The powder, he claimed, was taken up by the sap to act as a cure-all or preventive for all pests.

He applied for a license after his arrest, but was unable to convince the plant board that his method of treatment was effective, and the application was rejected. Trial will be in Van Buren Municipal court.

**WANT ADS**

**Help and Situation Wanted  
and For Sale advertisements.**

**Display: \$3.00 per inch, each insertion.**  
**Lines: 25¢ line; Minimum order \$2.00.**

**PARTNER WANTED**

Man in his 30's, who understands and is able to carry on an established nursery and tree surgery business. Present location, 11 years. Profit of \$10,000.00 to \$15,000.00 yearly easily possible. From \$7,500.00 to \$10,000.00 investment required. Due to other interests present owner cannot handle properly. Located in the finest agricultural section in the nation. Give full information and references in first letter. Address Box 504, care of American Nurseryman.

**SITUATION WANTED**

Landscape architect, with 10 years' experience, doubling in technical illustration during war, wants to resume practice with well established office landscape architect or landscape nurseryman. Address Box 502, care of American Nurseryman.

**FOR SALE**

Sunset Nursery. 5 acres on concrete road; 9-room house, running water, electricity, hot-water heat, bath; garage; henhouse; greenhouse; 100-ft. drilled well; on Broadalbin and Saratoga Rds. All buildings with lightning rods. Open until Aug. 1, 1947. Owner retiring. Price, \$9,500.00. No agent. SUNSET NURSERIES, Route 29, R.D. 2, Broadalbin, N. Y.

**FOR SALE**

Highly profitable landscape business, together with established nursery of 10 acres of finest young stock, equipment and modern residence, with 30 acres of finest land for expansion. An opportunity rarely offered. Address Box 502, care of American Nurseryman.

**FOR RENT**

Nursery and Greenhouses for lease with purchase option. Ideal location for garden department store.

W. H. BERRYMAN  
3600 West Elm St. Lima, Ohio  
Phone: 64581.

**HELP WANTED**—Wanted experienced nurseryman desiring permanent employment with Pacific Northwest's leading nursery. Ability to do general nursery work and serve retail trade. Excellent opportunity for right man to become assistant superintendent. Top wages. Address RICHMOND NURSERIES, Richmond Beach, Wash.

**HELP WANTED**—Vet preferred; to learn tree seed collection and extraction and seedling production. On-the-job training; salary, share or bonus basis. Equity in business possible after proving ability. HARRY P. RIGDON, Stillwater, Okla.

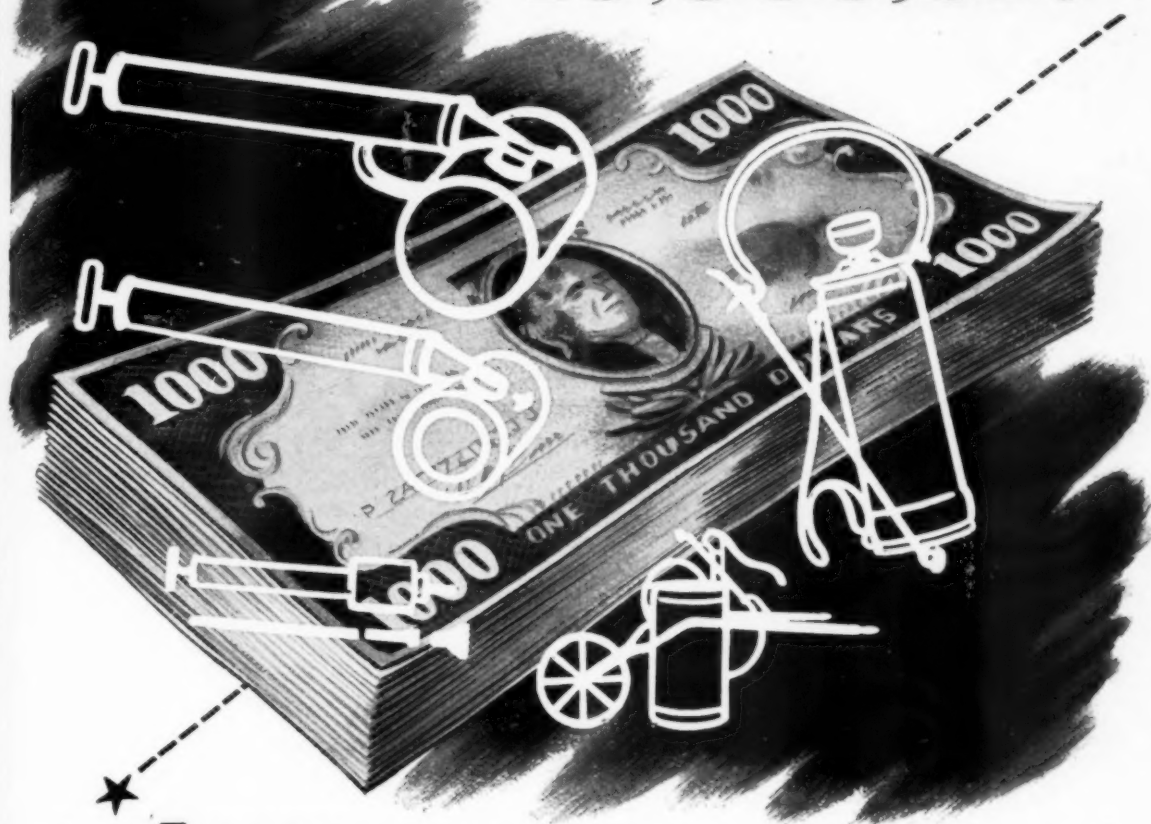
**FOR SALE**—Nursery: 35 miles south of Chicago Loop, on highway 54; approximately 29 acres; variety of trees and shrubs. Address Box 497, care of American Nurseryman.

**FOR SALE**—Nursery, \$55,000. 5 acres evergreens; 7 acres other acres; heavy soil; orchard; 11-room house; 3-car garage; shop; near Twin Cities, on busy U. S. highway 212. HUDSON NURSERY, R. 1, Hopkins, Minn.

# for **SPRAYERS and DUSTERS**

America's needs this year total

## \$49,565,217



## Let **LOWELL** Help You Get Your Share!

With a minimum of space, no extra help and little extra effort, you can make a healthy profit by selling quality-famous Lowell Sprayers and Dusters. *Only Lowell* offers you all three of these important advantages:

**① Full Profits . . .** There are no "cheap sprayers" in the Lowell line — no loss leaders that "waste" customers and hurt profits. Every Lowell Sprayer and Duster is a quality product that gives you a full profit.

**② Selective Distribution . . .** Lowell sells only through distributors who are carefully selected for highest reputation and best business ethics. None but selected distributors can buy Lowell Sprayers or Dusters. No one can undersell.

**③ Complete Quality Line . . .** There's a Lowell Sprayer or Duster engineered and precision-built to fill every need with complete satisfaction. Yet the line is compact and standardized, designed for fast turnover and low inventory.

*Write for full details today!*

# LOWELL

*Manufacturing Co.*

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**WORLD'S LARGEST MANUFACTURERS OF SPRAYERS AND DUSTERS EXCLUSIVELY**

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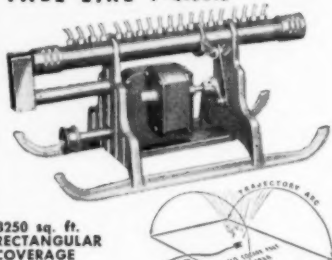
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## ACME Shower Queen

"RAINS OVER ALL"

300 GALLONS PER HOUR  
FALL LIKE *Rain*



3250 sq. ft.  
RECTANGULAR  
COVERAGE

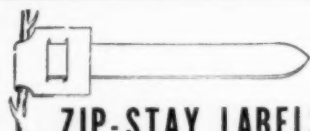
Designed for Golf Greens — Now Available  
for Domestic and Commercial Use!

The Shower-Queen design, construction and action in distributing water in a natural rain-like manner prevents rivulets, puddles and "bleeding" — all water is aerified as it is thrown into the air and broken up into drops. Trouble-free, centrifugal hydraulic motor operates oscillating shower bar. Simple hand adjustment regulates operating trajectory. Sled type runners for easy moving. 14½" long x 6½" wide x 6¼" high. Positively guaranteed.

WRITE FOR FREE LITERATURE AND PRICES

### ACME SPRINKLERS

412 WALBRIDGE ST. KALAMAZOO 3, MICH.



### ZIP-STAY LABELS

ZIP ON AND STAY PUT

ATTRACTIVE, DURABLE,  
ECONOMICAL

#### STANDARD GRADE

Plain: 1,000, \$1.50; 3,000, \$4.00; 5,000, \$6.50; 10,000, \$12.00; 100,000, \$100.00.  
One Line Printed: 3,000, \$5.75; 5,000, \$9.00; 10,000, \$17.00; 100,000, \$150.00.  
Two Lines Printed: 3,000, \$6.00; 5,000, \$9.50; 10,000, \$18.00; 100,000, \$170.00.  
ZIP-STAY Red Labels with "SOLD" in bold black letters: 1,000, \$2.50; 3,000, \$6.50; 5,000, \$10.50.

#### HEAVY JUTE FIBER

Plain: 1,000, \$1.75; 3,000, \$4.75; 5,000, \$7.00; 10,000, \$13.00; 100,000, \$120.00.  
One Line Printed: 3,000, \$6.25; 5,000, \$9.75; 10,000, \$18.50; 100,000, \$175.00.  
Two Lines Printed: 3,000, \$6.50; 5,000, \$10.50; 10,000, \$19.50; 100,000, \$185.00.

ZIP-STAY Color-banded Labels — For marking lot orders, etc. Same price as one line printed.

25,000 at the 100,000 rate,  
5 per cent off for cash, net 30 days.

Please send for samples and prices on special printing, inspection tags, letterheads, etc.

### OHIO NURSERY LABEL CO.

405 Foster Ave. Elyria, Ohio  
Formerly Markham's Ohio Nursery

### Rubber Budding Strips

Gauge	Width	Length	Per lb.	Per lb.
.019	3/16-in.	4 in.	10 to 50 to	50 lbs.
.020	3/16-in.	4 in.	1.60	1.40
			1.40	1.20

Write for prices on larger quantities.

WAYNESBORO NURSERIES  
Waynesboro, Virginia

### MAIL ORDER MEETING.

[Continued from page 15.]

he stated that flower seed acreage is smaller and there is less carry-over of seeds in wholesalers' hands, but the retailers probably have considerable stocks because the rain reduced public purchases. The late planting season may cause shortages for next year. Contracts are difficult to place with farmers, and higher prices must be paid. No surpluses of vegetable seeds appear in sight, while sweet corn and Lima beans will be short and higher-priced.

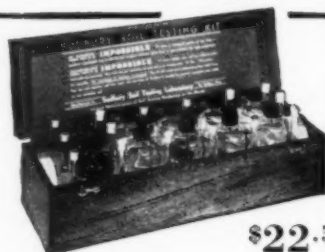
At the opening of the afternoon session, Earl Gascoigne, Gascoigne & Owen, St. Joseph, Mich., spoke on "Methods of Combating Unethical Principles in the Mail Order Business." His recommendation was that the public be told about the association and its code of ethics. He had prepared an insignia and a proposed ¼-page advertisement which he recommended be run in farm and garden periodicals with national circulation, totaling ten million. Run in these periodicals in December, January, February and March, the advertisement would cost \$39,000, including the expense of preparing a booklet for distribution in response to inquiries. This, he calculated, would cost each member of the association about \$350. The plan was so well thought out and so capably presented that half of those present immediately favored the proposal. Then discussion ensued as to distribution of cost and other phases of the plan, with the result that the proposal was referred to the executive committee for study.

Reports on stock conditions were resumed with that of Vic Judson, Judson Wholesale Nurseries, Bristol, Ind., on strawberry plants. Generally about the same supply was expected as last year, at about the same prices, though weather conditions and the inroad of the red stele disease caused uncertainties.

In shade trees, Harry Malter, Greening Nursery Co., Monroe, Mich., spoke of the good demand for small, fast-growing trees, while large landscape stock failed to move because of labor costs and the lack of highway or subdivision planting. George Rose commented on the strong demand for Chinese elm west of the Mississippi, probably for soil conservation purposes. The demand for other shade trees was just a little better, he said.

Shortages all along the line in evergreens were indicated by Wayne Ferris. Only large sizes, four to eight feet, were in adequate supply,

### Own a SOIL TEST LABORATORY Of Your Own



\$22.50

express paid

#### SUDBURY PORTABLE SOIL TEST LABORATORY

The most valuable piece of equipment you can own, giving you the soil information that you need for efficient production. Widely used by estates, professional growers and government field stations. Will last almost a lifetime with refills. Comes in instrument-type chest. No chemistry knowledge required. Complete with instructions and helpful chart. SEND NO MONEY. Order C.O.D. \$22.50, plus express charges (or send \$22.50 and we pay express). Money back guarantee. Immediate delivery.

Dealers write for Special Offer.

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### Tree Wound Dressing

Arborist Tree Wound Dressing is a scientifically prepared waterproof composition for application to tree cavities, wounds or other exposed wood of trees. It contains no coal tar, carbolineum, creosote, nor any material injurious to the cambium layer or the life of the tree.

Arborist Tree Wound Dressing possesses antiseptic and fungicidal properties, being waterproof, adhesive and elastic, giving a durable tree wound dressing which will not harm the living tissue.

Per gal.

1-gal. can (6 in case) ..... \$1.00  
30 and 50-gal. drums ..... .75

### ARBORIST SUPPLY CO., INC.

Dept. A. N. I

Rye, N. Y.

### CHARLES SIZEMORE Traffic Manager

319½ Georgia St., Louisiana, Mo.

Loss and damage claims against railroad and express companies collected.

Freight bills audited.

Past due notes and accounts collected.

Well known to the nurserymen of the country.

Reference: Bank of Louisiana.

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In sprayers and dusters, the "HUDSON Diamond-H" is the familiar trade-mark. From its first appearance over 40 years ago, many millions have seen it on their own equipment, and have made it their guide to the next purchase. That's because HUDSON sprayers and dusters have always offered the top value in the field. Combining "perfection of application," correct design and long-lasting construction, they make satisfied users—and satisfied users are the lifeblood of any business—your business.

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probably because labor was still lacking to complete landscape jobs. The wet weather greatly increased the cost of digging evergreens. Those firms contributing to his report expected demand next year about as at present, with plantings increasing somewhat where the weather permitted. Sales were larger this year because of better labor conditions than a year ago.

Perennials sold better than other items of nursery stock the past spring, reported Henry Weller, Weller Nurseries Co., Holland, Mich. The wholesale volume of his firm increased thirty-five per cent, making up for the drop in department store sales. While increased acreage would forecast some surpluses, the weather is a handicap, and some items will be short, particularly chrysanthemums. His firm is using a Holland celery planter to set out perennials, adding forty acres to production. Prices cannot go lower, he asserted.

Continuing the presentation of stock reports at the Friday morning session, Howard Scarff said it was too early to predict the supply of small fruit plants, so largely has the rain interfered with planting and growth. Not only quantity but grades may be affected by the short growing season. Prices he expected

### Out of Nature's Storehouse MICHIGAN PEAT

furnishes the maximum ORGANIC value per dollar. 30 years' service by leading arborists, growers, nurserymen makes it a MUST for you. Michigan Peat is 97% organic, bacterially active, contains 90 cubic feet per ton; goes right to work. ECONOMICAL!

HUGE 100-lb. BAGS.

F.O.B. Capac, Michigan.	Each
2 to 19 Bags.....	\$1.65
20 to 99 Bags.....	1.50
100 to 400 Bags.....	1.40

Bulk Carloads at Low Prices!

USE NATURE'S FINEST SOIL BUILDER for all planting.

IT IMPROVES ALL SOILS!

**American Soil Sponge Selling Corporation**

267 Fifth Avenue, New York 16, N. Y.

Make Profits

Sell Michigan Peat



Extend the Transplanting  
Season—Reduce Losses!



The Dow Chemical Company  
Midland, Michigan

### LINDIG'S SOIL SHREDDER



New improved  
model

Now available  
with Screening  
Attachment.

Engineered for  
the perfection  
of soils.

Prompt delivery.

Write for folder  
and price list.

**Lindig's Mfg. Co.**

1875 W. Larpentier Ave.  
St. Paul, Minn.

## Final Midyear Inventory Clearance Prewar Grade Sisal Twine

Soft—Easy on the hands—Powerful, 1-Ply—2-Ply—3-Ply—Large balls or 50-pound reels.

Price 100 lbs. or more—26½c per lb.

A complete line of cordage from a thread to a hawser.

All shipping supplies for wholesale and retail florists, growers and nurserymen.

Cash with order please, unless credit is established with us, or suitable references given.

### COASTAL PAPER & SUPPLY CO.

129 West 28th Street, New York 1, N. Y.

Telephone: LAcawanna 4-7812-3-4

FROM COAST TO COAST IT'S COASTAL

to be about the same, except that blueberries may be easier now that plants are becoming more plentiful.

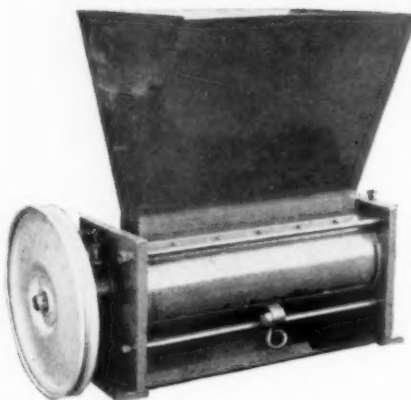
The report on dahlia roots from Earl Ryno, Wayland Dahlia Gardens, Wayland, Mich., was read by B. F. Kindig, Kindig Nursery, Elkhart, Ind. While offers late in the season were advertised, no price reduction was shown; so it could be concluded there was no oversupply. Some new suppliers of dahlia roots were appearing, but since these had stocked their fields at high prices, they will have to sell at retail to obtain an adequate return and they will not affect the wholesale market, he predicted.

In fruit trees generally slight change was expected by John Kelly, Kelly Bros. Nursery, Dansville, N. Y. There may be more 1-year apple but not so many 2-year. Peach trees may be in somewhat better supply. Sweet cherries are short in the 2-year size, because many were dug as 1-year. His firm will begin the listing of 1-year cherries at retail. Sour cherries will not be so plentiful as last year. Pear trees are still tight. One-year plums are in better supply, and quince is about the same as last year.

Gladiolus bulbs will be in short crop unless good growing weather prevails until autumn, predicted Harold Goldstein, Kunderd Gladiolus Farms, Goshen, Ind. He had just completed his firm's plantings June 19, about six weeks later than usual. Floods, rain and cold will all affect quality, and he urged the mail order men to buy for quality. Acreage has been reduced following the surplus the past spring.

Other bulbs are likely to be in adequate supply, said A. M. Grootendorst, Benton Harbor, Mich. The past winter was the coldest in Europe in 200 years, but the report from Holland is that tulips will be coming in satisfactory quantities, hyacinths scarce and high-priced and narcissus bulbs in a fair to good crop. Crocus bulbs will be plentiful in blue, but scarce in yellow and white. Croft lily bulbs have become plentiful, and

## NEW IMPROVED SEED MACERATOR



Cleans juniper berries, forest tree seeds, fruit seeds, grinds peat moss and cork.

Used with great satisfaction by the Plumfield Nurseries, Fremont, Neb.; Mount Arbor Nurseries, Shenandoah, Ia.; Jewell Nurseries, Lake City, Minn., and others.

Manufactured by

PETERSON MACHINE & SUPPLY CO., Fremont, Neb.

## DIG POST OR SEEDLING HOLES SITTING DOWN!



The famous Danuser Digger attachment for popular makes of tractors digs seedling or post holes straight and quick. Augurs for every requirement from 4 to 18 ins. Write or wire for details.

DANUSER MACHINE CO., Fulton, Mo.

## CUSTOM PRINTING

No stock forms. Letterheads, Envelopes, Cards, Circulars, Labels, Catalogs, Office Forms.

WADDELL PRINTING CO.

212 S. Detroit St. LaGrange, Indiana

## SPRAY WITH C. P. O.

Use this Safe, Odorless, Non-Poisonous Spreader in place of fish oil soaps and summer oils.

### FOR BETTER CONTROL OF

Lace Bug	Pine Leaf Scale
Red Spider	Spruce Gall Aphis
Juniper Scale	Euonymus Scale
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And Most Sucking Insects on Evergreens and Ornamentals

Write for information and samples and learn how you can reduce cost of nicotine sprays one-half.

Crystal Soap & Chemical Co., Inc.

Department A N

6300 State Road, Philadelphia 35, Pa.

## BAMBOO CANES RAFFIA — BULBS

McHUTCHISON & CO.

92 Chambers St. New York 7, N. Y.

THE ANSWER TO EVERY NURSERYMAN'S DREAM!  
Once You TRY IT You'll NEVER AGAIN Be Without It

GET THE "FEEL" OF  
**FAMOUS** →

CONSERVE THAT MOISTURE  
PROTECT YOUR PLANTINGS

— Sold in 48 States and Canada —



These Plants looked identical when repotted.  
Repotted April 8th — Photo May 7th

**SOIL RESEARCH LABORATORIES, INC.**

531 East Main St.

Lancaster, Ohio

*The Sweetheart of the Soil*

"It rejuvenates the Earth"

Needed by Every Nurseryman, Landscape Gardener and Tree Expert in America. NOT A COMMERCIAL FERTILIZER. Put Right Around The Roots Of Trees and Plants.

REJUVENATE Your SOIL With "VITALOAM"

WARNING—Send in your order NOW to insure delivery.

A famous American nurseryman calls VITALOAM "black gold" and he recently flew from Virginia to Lancaster to compliment us personally on the creation of an outstanding product.

Use your letterhead and write for Wholesale Prices!

prices have dropped to figures of bulbs imported in prewar years. Garden lily bulbs are still high-priced.

The report on roses was presented by Dave Nihart on behalf of Vernon Krider, Krider Nurseries, Middlebury, Ind. Reports from the various sections showed a thirty per cent increase in rose production in New England, about the same in New York and Pennsylvania and about a twenty-five per cent increase in Ohio, Indiana and Michigan. In Texas and on the Pacific coast an increase of about one-third over last year is anticipated.

On shrubs, J. J. Pinney, Willis Nursery Co., Ottawa, Kan., had sent out a questionnaire, receiving a return of fifty per cent. On common shrubs, sixty per cent reported an increase in supply, five per cent a decrease and thirty-five per cent the same or less. On better shrubs, thirty-five per cent reported an increase, twenty-five per cent reported a decline and forty per cent reported supply about the same. In predicting prices, ten per cent looked for an advance, twenty per cent a decline and seventy per cent for the same as the current season.

JAMES W. DEPPA plans to open a nursery at Gaithersburg, Md.



FOR ACID SOIL PLANTS

**RELIANCE**  
*Azalea and Camellia*  
**SPECIAL**

**FOR ROSES!**

Exceptionally Fine Results are obtained with this Specialty Plant Food where Roses are grown in soils having good drainage and high humus content.

**The RELIANCE FERTILIZER CO.**  
SAVANNAH, GEORGIA

### Hunts

#### ACME GRAFTING COMPOUND

Used for grafting or as a protective coating. Also brush and hand grafting wax.

#### RODENT REPELLENT

Protect your trees against rabbits and other rodents. Send for price list.

Above Products endorsed by  
Michigan State College

**M. J. BECK CO.**

Successor to Hunt & Son, Box 7, Lansing 1, Mich.

### LIGHTNING RODS

SPECIAL SYSTEMS for all species of trees. Don't let Lightning Destroy what takes a century or two to make a beautiful friend. Sold through arborists or our representatives.

ALUMINUM OR COPPER FOR BUILDINGS

Valuable properties are slow and costly to replace. Stop lightning fires by installing ELECTRA SYSTEM. Better than 99% efficient. Reduces insurance rates in most states. PROTECT NOW BEFORE IT'S TOO LATE.

Write for name of local representative.

**Electra Protection Co., Inc.**

Dept. AN 11 North Pearl St., Albany 7, N. Y.



## LANDSCAPE REPORTS.

[Continued from page 22.]

properties where the work had been contemplated for some time, but postponed because of war conditions. We have had little new residential building in this area, but we have many prospective customers who are most anxious to start building when materials are available.

"Labor costs are high, but the supply of help has been much better than during the past few years. We feel that this condition will be further improved by fall.

"There is a noticeable shortage of many items in good plant material, which is general. Medium and larger-size specimens have been in good demand. The extensive use of evergreen hedges and flowering materials of the better type has helped volume sales."

**Business Off in Pennsylvania.**

The unusual spring weather around Philadelphia slowed nursery operations and buying by the public, so that business was off about twenty-five per cent, according to Arthur F. Paul, president of Andorra Nurseries, Inc., Conshohocken, Pa., who writes:

"In the Philadelphia region the weather has upset all predictions of normalcy as to rainfall and low temperatures. These irregularities have interfered seriously with digging and transporting all nursery stock, as well as with such operations as grading and planting.

"All this has had an effect on buyers and the public in general. Basically we have not felt the enthusiasm for improvement work which is usually apparent in a normal spring. The restraints on building may account for some of this. As a result, up to May 30 there was a falling off in general business of close to twenty-five per cent.

"We also do considerable business with jobbers and landscape contractors who come to the nursery and dig and transport their material under our supervision. This particular branch has also fallen off to just about the same degree.

"We find the labor situation easier. That is, it is easier to find extra labor when we need it.

"At this date it is not possible to form definite conclusions about the fall season. This period is usually a long one in our region, and we are hopeful that Jupe Pluvius and old man Boreas will be kind to us."

**Demand Tops Supply.**

A rise in business in May helped compensate for the April slump, according to W. A. Natorp, president

## For Healthier Plants, Fuller Foliage, Blooms and Berries

**Use**

Don't  
Gamble On  
The Weather

**ATLAS PORTABLE OVERHEAD IRRIGATION**

To insure healthier plants, normal even growth, reaching marketable size earlier, American nurserymen are installing Atlas Portable Overhead Irrigation Systems. Atlas pipe is equipped with the flexible, leakproof, Horseshoe Latch Couplings. Its light weight, quick assembly and easy portability make it ideal, inexpensive and profitable.

Write for literature and prices. Attractive territories open for dealers.

Manufactured and Distributed by

**ATLAS SUPPLY DIVISION**

Jones & Laughlin Supply Company

425 North Main Street

Muskogee, Oklahoma

## Why Gamble on Soil?

When you don't know the exact composition of your soil, you are gambling—just hoping to have a good yield of top-quality plants and cut flowers.

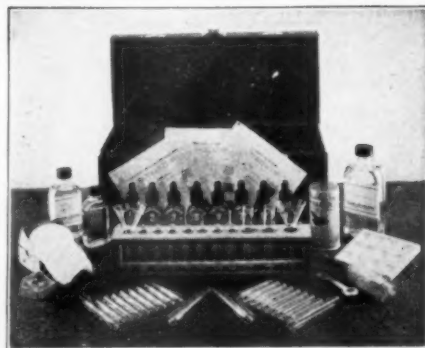
But when you test soil with a Simplex Soil Tester there is no guesswork. You know just what elements to add to assure a large yield, finer quality and better return.

Testing soil is easy with Simplex, the cost is small and the extra profit will be considerable.

So why gamble? Order your Simplex outfit today. Immediate delivery.

### The EDWARDS Laboratory

3295 West 130th St.  
Cleveland 11, Ohio



Complete Outfit, \$25; makes 100 each of 15 types of tests.  
Junior Outfit, \$16.50; makes 100 each of 6 types of tests.  
Soiltest Kit, \$1.00; makes 100 tests for acidity.

**SIMPLEX Soil Tester**

tells you what to put back into the soil, in nitrogen, the phosphates or other elements that have been depleted by time and cropping.

### HAUCK FLAME GUN KILLS WEEDS



2000°F controlled heat quickly, easily destroys seeds, roots, brush, poison ivy, wild morning glory, Canada thistle, other unwanted growths. Many uses: splitting rocks, burning stumps, sterilizing poultry houses. Burns kerosene. Does the work of 4 men. Safe, easy to use. 10 day trial. Satisfaction guaranteed. Free catalog.

HAUCK MFG. CO.

131 Tenth St., Brooklyn 15, N. Y.

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AMERICA'S FINEST

KATFISH BRAND  
Rubber Bands  
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\* GET OUR CATALOG AND PRICE SHEET

BROADWAY RUBBER MFG. CO., LOUISVILLE 2, KY.

Mention The American Nurseryman when you write



## It's a STANDOUT for COMPOST PREPARATION

**O**UTSTANDING three ways — the Royer Compost Shredder-Mixer improves compost quality, increases compost production, and cuts labor costs. Just shovel materials into wide, low hopper — the Royer shreds, mixes, aerates, removes trash; discharges ideal finished product direct to pile, windrow, wheelbarrow or truck. The Royer Model C-JR handles 1 to 3 cubic yards per hour — other models to meet all requirements. See the Royer exhibit at your Boston convention — if you won't be there, send for Bulletin 46.



**ROYER FOUNDRY & MACHINE CO.**  
182 PRINGLE ST., KINGSTON, PA.



ROYER C-JR  
on display  
Booths 31, 32, 33  
Nurserymen's  
Convention



of the W. A. Natorp Co., Cincinnati, O., who comments on the spring season, as follows:

"The demand for nursery stock and landscape work was unusually heavy, and we are still active in summer planting. Almost continuous rain throughout the latter part of March and April and early part of May reduced our business for April approximately eight per cent. However, business for May was up twenty-five per cent, therefore making up for the earlier losses.

"The supply and character of labor have improved considerably over last year's. The demand for better nursery stock was heavier than we could supply. This was especially true of taxus. It was possible for us to supply only part of the demand for these plants.

"Because of the continuous rains, it was impossible to do any cultivating until late in May; so the weeds made a good start, and it will cost a good deal more to get the fields clean.

"The majority of our lining-out stock, particularly taxus, is carried out in early fall. Our spring planting in the fields was finished the last week of June. However, we were able to water all newly planted nursery stock, which will grow satisfac-

## LANDSCAPING MASTER UNITS

### A Boon to Estimators of Landscaping Projects.

Any Job—Any Size—Anywhere

Series No. 1—Quantities .....	\$2.00
Series No. 2—Costs, Part I. ....	3.00
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Study these books for 10 days at my expense. Any one or all three sent on approval. In 10 days send your check or return the books.

Postage free if check accompanies order.

**JOHN SURTEES**, Cost Analyst, Ridgefield, Conn.

## TIMELY NECESSITIES for Prompt Shipment

- "HOLLANDIA" BURLAP SQUARES  
New Material, Soft, Easy to Tie; Saves Time, Labor and Twine.
- REED MATS for coldframes
- "GIBALTAR" Frost Covers
- "COTTONETTE" Nursery Squares

Write for prices; state requirements

**NEW AMSTERDAM IMPORT CO., INC.**  
122-N Chambers St. New York 7, N. Y.

Horticultural PEAT MOSS  
Finely Granulated  
High Absorbency



torily. From all indications, heavy fall business should materialize."

#### Weather Curtails Sales.

"Hectic" is the word used by B. J. Manahan, manager of the Pontiac Nursery Co., Romeo, Mich., to describe the spring season. He writes:

"We had quite an increase in our amount of orders this spring, especially in our landscape and department store trade, but because of the continuous rains and cold weather and unsatisfactory planting season, we were unable to make delivery on quite a portion of our orders.

"Department store business slumped about twenty per cent, because stores could not sell the merchandise. Our landscape business was completed about 100 per cent, but it took until June 15 to complete some of the work which should have been done earlier but was held up by the customers' inability to get the grading done. What work we did not complete this spring in that line will automatically be taken care of in the fall.

"Cash-and-carry business was off about twenty per cent in this locality, and naturally, as we supply quite a few cash-and-carry outlets in this area, our sales were curtailed accordingly.

"All in all, I think we and other nurserymen in this locality were lucky in accomplishing as much as we did this spring, as I never experienced a season when weather and soil conditions were as unfavorable to the nursery business as they were this year."

#### Weather Cuts Volume.

With the cold and wet weather delaying spring planting a full month and subsequently preventing the starting of landscape work at the usual time, the volume of spring business for M. J. Hunziker & Sons, Niles, Mich., was down this year, according to Harold E. Hunziker, who writes:

"June 25 saw the last of our regular spring planting. This was fully a month later than we normally plant without balling all plant material. I think the season caught up a little the last week of June, but previous to that it was nearly three weeks behind. After being able to accomplish little in April, we decided by May 1 that we could not take on any more spring orders and expect to complete them. Our decision was a little late, however; because of the continued rain it was still difficult to work on any type of soil other than sandy soil.

"The demand for landscaping developments seems to be strong without any apparent letup. We are ex-

## NURSERYMEN

**USE RICH...Hyper-Humus**



**The Natural  
Soil Conditioner**

**for all Lawns, Flowers,  
Shrubs, Trees, Coldframes  
and Greenhouses.**

HYPER-HUMUS improves almost any type of soil. This pure black humus comes to you at the proper stage of decomposition, thoroughly processed.

**Genuine HYPER-HUMUS is**

1. Uniform in quality—dependable
2. Free from weed seeds and insect larvae
3. Alive with beneficial bacteria
4. Odorless, pleasant to use
5. A reservoir of natural moisture
6. Long-lasting—benefits often noted up to ten years
7. 5.5 to 5.7 pH, suitable for most plants
8. 85% to 90% organic

Write for literature;  
correspondence on soil conditioning problems invited.

**HYPER-HUMUS CO.**

**Box 31  
Newton, N. J.**

# Twine

AS COMPLETE A STOCK OF NURSERY TWINES  
AS CAN BE FOUND ANYWHERE

GEO. B. CARPENTER & CO.

440 NO. WELLS STREET • CHICAGO 54

periencing a slight amount of price resistance, which may become stronger by fall. With our men expecting an increase in wages next spring to go along with increased industrial wages, there seems to be no opportunity to reduce prices on plant material or services.

"Although the demand was good for landscaping jobs, it has been cost-

ly to operate under weather conditions such as we had. Obviously, our volume of business was cut considerably and could not be made up with plantings which could be carried on into June. June planting postponed the starting of our normal construction work, and the time lost in bad weather will not be made up. We know that our volume will be down

and that our profits will be correspondingly less than those of last spring.

"We hardly have enough cash-and-carry business to comment on. Although we had a better supply of fruit trees, we found that there was not so much interest in this type of material as during the war years. I think there was much less impulsive planting done this spring than in the normal year, when favorable days give people the urge to travel out to a nursery and pick up a few plants for their yards."

#### Labor Conditions Good.

Alex Tuschinsky, owner of the Hillsdale Landscape Co., Indianapolis, Ind., writes that he expects this year's end-of-the-season total business volume to surpass that of last season, even though cash-and-carry sales were off. He says:

"In regard to general conditions in our business, we have had a successful and profitable season in spite of the bad weather conditions. The continuous rain and cold weather did slow down our cash-and-carry business, and the total volume is somewhat below that of last spring.

"However, we have had more labor and have been able to take on landscape planting again. We were not able to take every landscape planting job which was offered to us because we are still short of the right kind of keyman for supervision. We have been able to secure all the common labor we can handle. This was possible because I have provided housing and have been able to secure Mexican labor from Texas. I have employed this type of labor for the past three years and have found it to be better for the nursery than the average labor which can be hired locally.

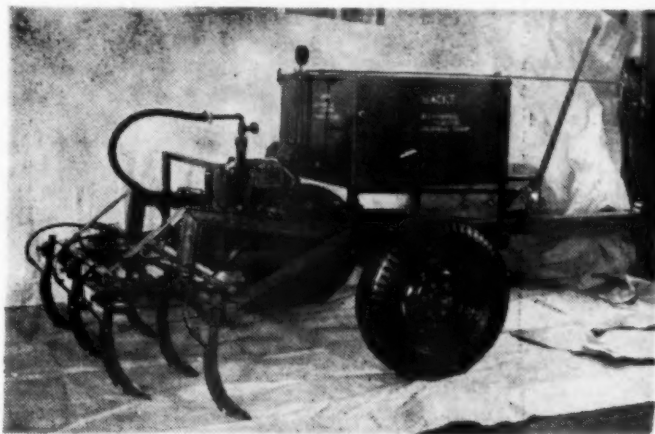
"So, at the end of the season, our total volume of business will probably be as good as or better than last year."

#### Volume High, Profit Low.

Weather conditions limited output and curtailed profits, but demand continued strong, reports Charles Fiore, of the Charles Fiore Nurseries, Prairie View, Ill., who says:

"We experienced one of the worst springs in all the years I have been in business, and of course the same has not been only local. Most of the landscape nurserymen in the surrounding states have had the same experience. But in spite of all the rain we have been able to take care of seventy-five to eighty per cent of our business.

"We declined taking any new



Showing Injector Bar Attached

## MACK'S COMBINATION MACHINES TWO-IN-ONE SPRAYER & INJECTOR

A complete Spray machine for row crops or complete coverage with two-hand boom take-offs.

Also a COMPLETE chemical Injector, making injections into the soil from 3 to 8 inches deep for the eradication of wireworms, nematodes, grubworms, or any type of soil fumigation work, in dosages from 10 gals. per acre to 30 or 40 gals. per acre—also can be used for liquid fertilizers.

Standard spray bars are 10 feet long; it will cover 4 plant beds or 4 rows ranging from 36 to 40 inches apart.

Spray bars are made in two types, one for row crops and the other for complete coverage. Longer spray bars can be had at very little extra cost. Combination machines will have adjustable axles from 56 inches to 78 or 80 inches.

Standard Injector tool bar with 7 Injector teeth, 12 inches apart, can be adjusted wider or closer, also adjustable depths and adjustable tractor hitch.

Spray bars and Injector bars are interchangeable in a very few minutes; it's a one-man job.

Chemicals are double filtered before going to the spray bar or Injector bar—all machines equipped with automatic self washout attachment.

The increase in production and quality of your crops on 10 or 15 acres in some cases will be great enough to pay for the machine the first year.

If you need a Sprayer or an Injector only, write for circulars and prices. We also make hand injector for soil fumigation work, and another for weed and rodent control work.

Special spray machines built to suit your needs, built to set on a flat bed or into a pickup truck.

Mack's Special Nozzles are of one piece, noncloggable, and deliver a perfect sharp fan-type spray.

Our hand boom equipped with two of our special nozzles, very handy for small plots, fence rows, shrubs, buildings and etc.

All machines are equipped with nipples and valves to which you connect the hose for your hand boom.

Preserve this ad for future reference.

### MACK'S ANTI-WEED GUN

1424 Chicago St.,

Caldwell, Idaho

Builders of Sprayers, Injectors and Distributors.

## Those YELLOWING LEAVES may turn GREEN IF YOU SPRAY THEM WITH

For chlorosis due to  
Iron deficiency.

Does not contain  
Iron sulphate.



4-oz. jar ..... \$1.25  
(Makes 1½ gals.)

1-lb. jar ..... \$3.00  
(Makes 6 gals.)

**SCHUYLKILL CHEMICAL COMPANY** Dept. J 2346 Sedgley Ave  
Philadelphia 32, Pa



clients unless they were willing to wait their turn. We lost some of the high-hat clients who could not wait, but in dollars and cents our business did not drop at all compared to the preceding year. It may have dropped in the number of sales, but this was balanced by the larger amount of the purchases.

"The rub comes in the amount of profit. The cost was tremendous this spring, compared to last spring. It took, in many cases, double and triple the amount of labor to get the material out.

"We were fortunate to have a little more help than we had last year, or perhaps a little better labor. But we had to sacrifice a lot of essential work, such as planting for ourselves, which, in my opinion, will be felt in the years to come."

#### Late Spring in Wisconsin.

Shortage of help and the bad weather this spring combined to make a difficult season for the McKay Nursery Co., according to W. G. McKay, president, although the volume of business was satisfactory. Mr. McKay writes:

"The spring of 1947 was probably the most difficult one that we ever have experienced. The combination of the shortage of help and a wet spring kept us back on our shipments and made us much later in making deliveries to our customers. We were the latest this spring in completing our deliveries that has ever been my experience during the period that I have been in the nursery business. The weather continued cool; therefore, stock did not start growth until quite late. The telephone strike proved to be a blessing in disguise, because the weather slowed us up so much on making shipments that we know the telephone would have been ringing constantly from customers asking for shipment of their orders.

"Our volume of business was satisfactory. We book a large percentage of our business in advance of the spring season. We cleaned up pretty well on salable stock, excepting on apple trees, which did not move late in the spring so well as they did in 1945 and 1946. Possibly the cool and wet spring discouraged some of the late buyers from purchasing stock.

"Collections seem to be about as good as in the spring of 1946; however, it is difficult to make a true comparison at this time because we closed our season of shipping a month earlier in 1946.

"Stock wintered well in Wisconsin and is now putting on a good growth, considering the cool weather this

## Beets' A-1 TREE SHAPER

A guiding tool to shape Evergreens up to 10 ft. tall perfectly in 8 to 12 minutes. Hedges and other shrubbery trimmed with equal speed. Adjustable any size any shape.

**A PERFECT TOOL FOR A PERFECT JOB.**

All steel, chromium plated.  
Folds into a compact unit.  
Weight 6 lbs. Life time guarantee. Available now. \$15 prepaid anywhere in U. S. A.

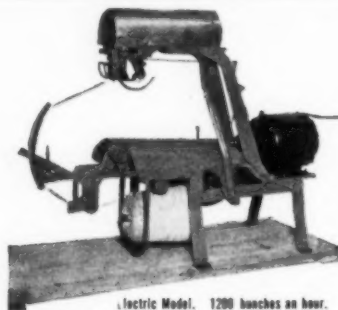



**BEETS-INC.**  
P. O. BOX 997, DEPT. Z, LANSING 4, MICHIGAN

## FELINS BUNCH TYER

SAVES

*Time, Money,  
Twine*



Electric Model. 1200 bunches an hour.

- Used by thousands of nurserymen, florists, market gardeners for tying flowers, nursery stock and vegetables.
- Geared to 66 ties per minute.
- Send for illustrated folder and prices.

**FELINS.....**

**MILWAUKEE 6  
WISCONSIN**

## DEER DAMAGE

### Acme Toxo

An effective, long-lasting  
Deer Repellent

A liquid spray for  
Nurseries, Orchards,  
Farm and Garden Crops

Write for free bulletin,  
"Deer Damage and Control"

**PROGRESSIVE BIOLOGICAL CO., INC.**  
181 Columbia St. Cohoes, N. Y.

## ATTENTION NURSERYMEN!



**IMP.  
SOAP  
SPRAY**

Use 1 part with 25 to 40 parts of water

Ask your nearest seedsmen, or  
write for literature.

**THE AMERICAN COLOR AND CHEMICAL CO.**  
178 Purchase St. Boston, Mass.





Spraying a 36-inch strip as fast as the operator can walk, the Lawn Protector is shown above treating weeds on a Lansing, Michigan, estate. Lightweight (43 lbs.) and maneuverable, the unit can be safely used for killing weeds alongside flower beds, shrubs and near trees. Four fan-spray nozzles are spaced to apply a solid sheet of spray at grass level. Discharges 2 to 3 gallons a minute. Tapered, streamlined hood permits spraying under fences and bushes. Ball-bearing wheels. Tough, two-ply skirt riveted to frame.

# KILL WEEDS

## with the

### *Lawn Protector*

Here's the safe, sure, economical way to apply weed-killing chemicals, liquid fertilizers and other sprays to nursery, estate and park lawns. Easy to use, the John Bean Lawn Protector means quick profits to wide-awake nurserymen and custom spray-men. In operation, it attaches to a small power sprayer through hose. It delivers an even, controlled application in a coarse, driving spray—no burning or other injury to delicate grasses. The snug-fitting streamlined hood permits safe spraying with 2,4-D and other chemicals near flowers, shrubs and trees. A tough, two-ply web skirt hugs the grass—preventing spray drift. Steel frame electrically welded. Company will supply buyers with lawn spraying advertising literature at cost. See your dealer, or write today for catalog "LP".

To be exhibited at the AAN Convention at Boston.

**JOHN BEAN MFG. CO.**  
DIVISION OF FOOD MACHINERY CORPORATION  
LANSING 4, MICHIGAN

spring. Spring planting in our nursery has started growth satisfactorily.

"In consideration that we have had an overabundance of moisture, farm crops, especially corn, are much behind, and unless we have warm weather, we will not have too much to harvest this fall. In some sections of Wisconsin there were a considerable amount of corn drowned out and a considerable acreage that farmers were unable to plant on account of the continued wet weather."

#### Landscape Demands Heavy.

In spite of the late start of business in the landscape department at the Baumhofener Nursery, Cedar Rapids, Ia., demands exceeded the ability to service, writes J. C. Baumhofener. Of the spring season as a whole, he says:

"In the first place, like all the nurserymen in the midwest, we started our season late and continued to be delayed by almost constant rain. We did not find that the rain was at all detrimental to our cash-and-carry business, as we have a lot of farm trade, and the farmers came to town when they could not work at home.

"Our landscape business also started later than usual, but demands were heavy, in fact, greater than we

### PORTABLE, ALL-BRASS CHAMPION GIVES YOU ALL-PURPOSE SPRAYING AT LOW COST

Here's ONE portable sprayer that does the work of several. Nozzle quickly adjusted to spray anything... up, down or sidewise... as fine mist or 30-foot stream:

**INSECTICIDES • FUNGICIDES • OILS  
DDT • WEED KILLER • WATER PAINT**

No dangerous compressed air tank. Pressure pumped as needed in pressure cylinder only. 4 1/4-gal. tank and working parts all brass. Trouble-free, no clogging. At your dealer's or direct, \$25.35 f.o.b. Detroit. Territories available for established dealers. Write for literature.

**CHAMPION SPRAYER CO.**

Mfrs. of Portable Sprayers and Dusters  
6509 HEINTZ AVENUE  
DETROIT 11, MICH.



**PRESTO** flower pot  
washer

### Pays for Itself

Dirty and Fungus-covered Pots  
Reduce Your Profits

Write at once for description and price

Brush replacements now available for  
the many owners of Presto.

**W. R. MINK & CO.**

3156 W. 116th St. Cleveland 11, Ohio

could service. The season lasted two weeks longer, and in the end we did a greater volume than last year.

"Our best landscape customers were people with established homes, as those with new homes, especially the smaller ones, found that they had little money left to spend on landscaping their grounds.

"At the start of the season labor was scarce, but by May 1, large factories in this area began to cut their pay rolls in a big way, and we were able to secure all the help we needed.

"As to nursery stock itself, we found the greatest demand was for balled and burlapped evergreens, closely followed by roses and perennials. With the end of the victory gardens, the demand for fruit trees and small fruits was low. Price was not a consideration; the customers were definitely not fruit-minded.

"We are optimistic about fall business, as most people neglected their homes during the war and are now ready to put their yards and plantings back on prewar standards."

#### Old Campaign Pays Off.

The educational campaign conducted by the American Association of Nurserymen is largely responsible for the increased interest and knowledge of the landscape customer, believes E. C. Hilborn, president of the Northwest Nursery Co., Valley City, N. D. Of spring sales, he reports:

"Retail sales from the Dakotas, Minnesota and Montana have been very satisfactory during the spring of 1947. We endured the same handicaps reported throughout most of the north, such as the late, cold spring, excessive rains, delay in getting started, and so forth, which we have been hearing from all sides. In spite of these worries, our business has been fine.

"We are pleased to report that it has been an exceptionally good season for our salesmen. That is, our salesmen have really made money. The veterans have had large reports, and even the newer salesmen turned in a fine amount of business.

"This increased demand has been apparent on the farms and confirms the oft-stated fact that when the farms prosper, we all have money. Our small cities reflected this farm prosperity and were also good buyers.

"One of the most interesting points is the greatly increased demand for ornamentals both in the small towns and on the farms. The increased knowledge on the part of the average individual as to what constitutes good planting is most apparent. To state it another way, the educational

## NEW PROFITS FEEDING TREES WITH THE FERTIGATOR

### "Wet Method"

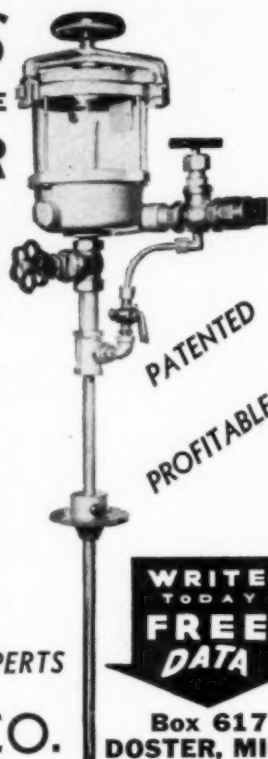
Fertilize, Irrigate and Aerate tree root systems in one simple operation. Uses any standard soluble or nonsoluble tree food. Operates effectively on ordinary city water pressure. You can do a **BETTER** job **FASTER** with **FERTIGATOR**.

R. R. Cunningham, Dallas Tree Man, says:

"...I have put down more than 100 pounds of fertilizer in a single hour ...I'm more than satisfied with the ease and speed of operation, results and extra **PROFITS** ... send **TWO MORE FERTIGATORS AT ONCE!**"

APPROVED BY LEADING EXPERTS

FERTIGATOR CO.



## BREADY GARDEN TRACTORS (1½ to 2 H. P.)

on rubber with front hitch cultivators.

Plows - Discs - Cutterbar - Lawn Mower Attachments.

Immediate Delivery.

Write for Circulars.

Dealer: **CENTER ROAD NURSERY, Alex Heinz**  
1170 So. Center Road Saginaw, Mich.

## TRUCK DECALS

Lettering and trademark reproductions made for your trucks, agent autos, etc. Easy to apply, distinctive uniform advertising, economical for small or large fleets.

Write for catalog.

**MATHEWS COMPANY**

627 S. Harvey Ave.

Oak Park, Ill.

Reg. U. S. Pat. Off.  
**TRANSPLANTONE**

For Safer Transplanting

AMERICAN CHEMICAL PAINT CO., AMBLER, PA.

# PROFITS FROM TIE-IN SALES



## CLOVERSET CLOTRACIDE

TRADE MARK REGISTERED  
U. S. PAT. OFF.

### Rose Spray Powder

Sell It to Every Customer

- ★ *Convenient to Use*
- ★ *Effective in Results*
- ★ *Economical in Price*

### CLOVERSET POTS

Pat. No. 2073695

Command highest retail prices with your ROSES, PERENNIALS, SHRUBS, VINES and FRUIT TREES — started and growing in CLOVERSET POTS. Ideal for self-service setups, these pots are easier to handle, light in weight, and offer no loss from breakage.



(STANDARD HEAVY)

	No. 0	No. 1	No. 2	No. 3
Height	5½ ins.	6½ ins.	9½ ins.	9 ins.
Diam. Top	5 ins.	6 ins.	7 ins.	8 ins.
Bottom Diam.	4½ ins.	5½ ins.	6½ ins.	7½ ins.
Corresponding Clay Pot	6 ins.	7 ins.	8 ins.	9 ins.
Approx. Weight Per 100	35 lbs.	52 lbs.	78 lbs.	88 lbs.
Per 100	\$2.75	\$4.00	\$4.50	\$5.00
Per 1000	\$25.00	\$37.50	\$42.50	\$47.50

Orders for 300 or more pots, any size, take the 1000-pot rate.

No. 0 for perennials and for greenhouse use. No. 1 for perennials and mums. No. 2 for roses and shrubs. No. 3 for large shrubs and transplanting.

F.O.B. KANSAS CITY. TERMS: CASH WITH ORDER (EXCEPT ESTABLISHED ACCOUNTS). Prices Subject to Change Without Notice. Please send ¼ amount on C.O.D. orders. Unless otherwise instructed, we will determine method of shipment. If you designate express, we advise you to check cost with your local Express Agent.

Cloverset Pots take 3rd class freight rate. All Cloverset Pots are packed 100 in carton, ready for use. We do not break cartons.

WRITE US ABOUT CARLOAD DISCOUNTS AND FREIGHT SAVINGS. Sample of all 4 sizes—25c.

CLOTRACIDE protects Roses, Perennials and other plants from fungus diseases such as Black Spot and Mildew; controls leaf-cutting worms and insects which skeletonize foliage.

FREE: One Eight-page Booklet "HOW TO GROW BEAUTIFUL ROSES" with each package CLOTRACIDE. Every Rose Grower will want one. Helps you sell CLOTRACIDE—the spray powder developed and manufactured at Cloverset, where beautiful roses are grown.



Available  
in 3 Sizes

Container Size	Dilutes to	Retail Price	Price in Case Lots	
			Retail	Dealer
5 oz.	5 gals.	\$0.50	\$ 6.00	\$ 3.60
10 oz.	10 gals.	.85	10.40	6.12
20 oz.	20 gals.	1.50	18.00	10.80

Packed 1 Dozen to a case, F.O.B.—Kansas City

Sample: Send 25c (to cover cost of packing and mailing) for 50c size of CLOTRACIDE.

## CLOVERSET FLOWER FARM

ERNEST HAYSLE & SON

105th Street and Broadway, Kansas City 5, Mo.



campaign carried on by the American Association of Nurserymen some years ago continues its momentum. In our state one can hardly find an old back yard. The outdoor living room is still going strong. Farmers are calling for landscape designs for their farmyards.

"The fact is that year by year, the investment made back in 1928 to 1932 in a well planned advertising campaign is still paying dividends and has much to do with the prosperous condition of most nurserymen today."

#### Landscape Jobs in Demand.

Only the lack of labor prevented Marshall's Nurseries, Arlington, Neb., from meeting the greatly increased demand for landscape work this spring. Nevertheless, retail sales surpassed those of last year, according to Chet G. Marshall, secretary, who writes:

"Our retail sales were twelve to fifteen per cent higher than a year ago. The cash-and-carry business was down some, but sales made by salesmen were up at least fifteen per cent. The spring was late and wet, which discouraged the rural business, especially because of the farmers' being behind with their work, and they did not want to take the time to plant.

"Our salesmen who could do planning of a landscape nature found a greater demand for this kind of service than ever before. The public generally is acknowledging the fact that it needs help in designing plantings and is calling for landscape men from all parts of our territory. Our biggest gain was with this type of sales.

"Help was somewhat more plentiful than in previous years, but still not adequate. In prewar times we could send out planting crews to a considerable distance to do planting of landscape jobs, but with the shortage of help we were limited to little outside the cities of Omaha and Denver. We could have increased our out-of-state business of landscape materials considerably if we could have taken care of the planting for the potential customers.

"Salesmen who are out over the territory selling for the next planting season are finding a brisk demand for our stock, and it appears that with normal crop conditions and also not unfavorable economic conditions, sales will be as good as during the past year."

#### Sales Up in California.

In spite of the seasonal slump in the landscape department, business has improved since last year, reports

## NURSERY HAND TRUCK

This Garden Shop Hand Truck is so well known today that few nurseries are without it. Many have several, use one on each delivery truck, others in the nursery. Material shortages have slowed our production, but we are shipping as quickly as possible. Early orders are suggested, as we ship in same order that we receive orders, and demand for nursery equipment is great because of the rapid expansion of the nursery business.

#### SPECIFICATIONS

Equipped with Jumbo Balloon Tires and Tubes, 12x4 inches.  
Specially Designed Curved Nose.  
All-Steel Construction, electrically welded.  
Weight 56 pounds.  
Over-all Length 63 inches.  
Over-all Width 27½ inches.  
Capacity 28-in. Ball weighing 600 pounds



The Garden Shop's  
SMALL HAND TRUCK  
Pat. No. 110110

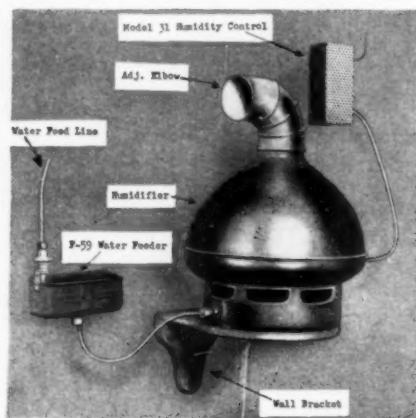
Write us for descriptive literature and prices

**THE GARDEN SHOP, Inc.**

4819 Mission Road

Kansas City 3, Kans.

## HUMIDIFICATION



is a definite advance in Propagating Technique.

The Standard Model No. 42 Humidifier shown with automatic control meets the need for a small-size, inexpensive, efficient unit.

This unit can be installed in a few minutes, and will immediately start to make and maintain the climate best suited for product growth.

Write for descriptive literature and price.

**THE STANDARD ENGINEERING WORKS**

Pawtucket, R. I.

Jack Evans, of the Evans & Reeves Nurseries, Los Angeles, Cal., who writes:

"Being located in this particular area, weather is no problem. Our business has been very good, with the exception of the landscape department, which has fallen off. This is usually a seasonal occurrence.

"About eighty-five per cent of our business is credit and delivery, and the balance is cash-and-carry. Both seem to be quite normal. Generally speaking, business has been better this year than it was at the corre-

sponding times last year. We have seen no indications of a buyers' strike and have received no complaints of prices' being too high, with the exception of those on a very few items, such as balled and burlapped subtropical fruits.

"We are fortunate in our help set-up in having people who have been with us for a considerable length of time with very little turnover, the latter being in the landscaping department only. In this area, good landscape labor is always available, there being a large Mexican popula-



# TOPS IN PLANT-FOOD VALUE!



## AGRICO FOR LAWNS, TREES & SHRUBS

Contains all needed plant foods in just right proportions to stimulate season-long growth of greener lawns, healthier trees and shrubs. In 100, 50, 25, 10, 5 lb. bags.

## AGRICO FOR GARDENS

Specially formulated for greater abundance of flowers, more bloom and color—better vegetables, richer in minerals and vitamins. In 100, 50, 25, 10, 5 lb. bags.

## AGRICO FOR BROAD-LEAF EVERGREENS

Prepared expressly to feed Rhododendrons, Azaleas and other acid-loving plants—also builds up soil's acidity, essential for these plants. In 100, 50, 25, 10 lb. bags.

MANY leading Nurserymen use Special-Purpose Agrico Fertilizers exclusively—because Agrico-fed plantings have greater health and vigor. They sell Agrico to their trade, too—because customers get better results—and profits on Agrico sales help pay their own fertilizer costs and show a nice profit besides.

These *three* Special-Purpose Agrico Fertilizers go further, do a better job . . . more plant-feeding value per pound and per dollar. Order Agrico now—we furnish liberal supply of colorful booklets, display material, newspaper cuts, etc., to help you boost sales and profits. Write us today.

**ORDER AGRICO NOW!**

Order Agrico from nearest A.A.C. Sales Office, or write to

**The AMERICAN AGRICULTURAL CHEMICAL Co.**

50 CHURCH STREET, NEW YORK 7, N. Y.

tion with plenty of experienced men.

"Just at the moment we are in the middle of our specialty season—the season for such plants as fuchsias, pelargoniums and hibiscus. The demand for these plants, of which we grow many thousands, seems to be just as steady this year as it was last. Our business is confined strictly to retail sales; so we cannot report upon the problems or conditions in the wholesale end."

## Washington Weather Good.

The late season enabled Stanek & Son, Spokane, Wash., to complete work which ordinarily would have been postponed until fall, writes Frank W. Stanek, owner. He reports:

"We are happy to report that our business this year is running some eighteen per cent over last year's and is continuing to improve as our season progresses. This increase has been wholly in the sale of roses and ornamental stock. Some decline is noted in the sale of fruit stock, which in all probability is because of the de-emphasis on victory gardens.

"Surprising as it may seem with all the new home construction, most of our landscape work has been in the revamping of old plantings. It appears that the people buying the new

Experienced Growers  
Know Why There Are

**3**

**HORMODIN  
POWDERS**

Experienced florists who propagate everything from chrysanthemums to evergreens, realize that *no single-strength root-inducing powder can propagate efficiently over so broad a range*. That is why Hormodin Powder has been developed in *three* strengths to parallel the range of hormones in nature:

## HORMODIN POWDER No. 1

The general-purpose powder—designed to root carnations, roses, and many other house, garden, and greenhouse plants.

## HORMODIN POWDER No. 2

For propagating many woody and semi-woody types.

## HORMODIN POWDER No. 3

For propagating many evergreens and dormant leafless cuttings.

## THE TREATMENT

The treatment is simple. Moistened stems are dipped into Hormodin Powder, then placed in the usual propagating medium.

## THE COST

The cost is small. For example: the one-pound tin of Hormodin Powder No. 1 (the general-purpose powder) costs only \$3.00. It is estimated that each ounce will treat about 2,500 cuttings of average size.

## THE RESULTS



Left: Untreated Azalea cuttings.

Right: Azalea cuttings treated with Hormodin Powder.

Be sure to ask your dealer for the

**HORMODIN POWDERS**

Best suited for your purpose

Booklet on request

MERCK & CO., Inc. *Manufacturing Chemists* RAHWAY, N. J.

homes are out of funds when it comes time to plant their grounds. We are hoping that some action will be taken soon by the federal housing authorities to see that a certain percentage of every home loan is earmarked for the development of the grounds.

"The weather here this spring, contrary to other parts of the country, has been made to order for our type of work. Even June, when our warm weather usually starts, was exceptionally cool, and this permitted us to complete work that would ordinarily be held over until fall.

"Our shipments from the east and south, with the exception of several orders, all arrived in good condition and in plenty of time for us to dispose of them. The quality of all stock was excellent. The labor supply seemed plentiful, and it was the first time in several years that we have had good men coming to our door looking for work.

"It appears to us that business will hold up well next year. There will still be a shortage of landscape-size evergreens, but the more popular deciduous type of shrubs will be more plentiful. We have already received two wholesale lists from rose growers who now have a complete stock of all the newer patented varieties for sale. During the war years these growers reserved their crops for established customers. This might have a tendency to bring the retail price of this item down somewhat. Fruit stock will be down in price, but with the coming of the great Columbia basin irrigation project now developing, all fruit and shade trees should be in demand for several years to come.

"On a recent trip through the nurseries of the north Pacific coast, we noticed a tremendous amount of evergreens being lined out. We sincerely hope that the early 50's will not bring us the brush piles that were so prevalent in the early 30's.

**GUSTAF E. MALMBORG**, landscape gardener at the Masonic homes, Elizabethtown, Pa., will leave for Sweden July 18 and will subsequently visit England, making observations and taking pictures of holly specimens and hedges.

**DANIEL A. JOHNSON** is replacing Chauncey Baker, who has resigned as manager of the grass seed division of F. H. Woodruff & Sons, Inc., Milford, Conn. Paul Williams has been appointed sales manager of the company's grass seed division at Toledo, O.



## STOPS ROT in Greenhouse Wood...

SLASHES MAINTENANCE EXPENSE

Easy to Apply by Dip, Brush or Spray

Now you can add extra life to expensive greenhouse installations . . . substantially reduce your maintenance costs. New, war-proved De-K-Pruf gives *SAFE*, low-cost, long-lasting protection against destructive mildew, mold, and borers that infest rich, moist greenhouse soil. One application as much as *triples* the life of costly woods . . . makes it practical to use *less expensive* woods for new installations.

Unlike wood treated with old-fashioned preservatives, De-K-Pruf-treated wood will not harm soil or plants. Tests by leading universities have *proved* it completely safe. De-K-Pruf penetrates deep into wood fibers and will not wash out, or leach out in sunlight. It is economical to use and easy to apply. One gallon treats approximately 400 square feet of wood. Use for all wood installations and *save* the money you're spending now on labor and materials for frequent replacements. Order through your supplier. Specify "De-K-Pruf Green for Wood."

IN 1 AND 5-GALLON CANS; or 55-GAL. DRUMS



**UNEXCELLED CHEMICAL CORPORATION**

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## DE-K-PRUF Lastingly Preserves

Cold Frames  
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Sheds . . .  
any wood  
exposed to  
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and decay.

Use "De-K-Pruf Clear for Canvas" to preserve tarpaulins and other fabric.

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### ROOT YOUR OWN CUTTINGS IN SAND

In a Box, Greenhouse or Hotbed. Scientific instructions, including culture. Price, \$1.00. It is easy, in an amazingly short time, to root cuttings of Camellias, Azaleas, Gardenias, Roses, Evergreens and other plants, in sand, any time of the year, with our simple instructions.

How to Recognize and Treat  
Plant Diseases, \$1.00.

**NATIONAL NURSERIES**  
Dept. AN Biloxi, Miss.

### ALLEN'S "FERTO-POTS"

Grow better vegetables, flowers, corns. Start in flats, then plant pot and all. **PLANT EATS POT.**

Box of 100 Box of 250  
2 1/2-inch pots . . . \$2.75 \$5.00  
3-inch pots . . . 3.00 5.50

Write for literature and prices on our full line of Agricultural Chemicals. Dealers wanted.  
**ALLEN CO., Pittstown, N. J.**

## HYPONEX PLANT FOOD

**CLEAN—ODORLESS—SOLUBLE—POWDER**

USE HYPONEX to grow bigger and better flowers and vegetables in poorest soil—even in sand, cinders or water. Excellent fertilizer for trees, shrubs, lawns and house plants.

USE HYPONEX for top-dressing seedlings, cutting and transplants. Produce strong root systems and stems, also more and larger flowers and fruit.

SELL HYPONEX to your customers. Nationally advertised.

1-oz. packet . . . 10¢—packed 71 to case—wt. 7 lbs.  
2-oz. can . . . 25¢—packed 36 to case—wt. 12 lbs.  
7-oz. can . . . 50¢—packed 21 to case—wt. 14 lbs.  
1-lb. can . . . \$1.00—packed 12 to case—wt. 16 lbs.  
10-lb. drum \$8—25 lbs. \$15—50 lbs. \$25—100 lbs. \$40  
Commercial growers and dealers receive 33-1/3% discount from the above retail prices.

**BUY HYPONEX from your jobber or send \$1 for 1 lb. (makes 100 gallons). \$1 credited on first order for 1 drum or case.**

**HYDROPONIC CHEMICAL COMPANY, Inc.**  
315 West 39th Street, New York 18, N. Y.

## Nurseries Too, PROFIT by MODERN HANDLING METHODS

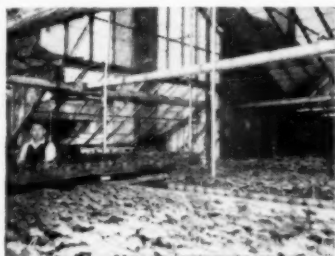


Loading shrubs by Rapid-Wheel Conveyor at the Lindley Nurseries, Inc., Greensboro, N. C. This installation has effected a considerable savings in both labor and costs.

Faster handling of plants and shrubs on smooth rolling Rapid-Wheel Conveyors is "paying off" in decreased costs for many progressive nurserymen. One of these, Mr. J. Van Lindley, President of Lindley Nurseries, Inc., says: "With your equipment we are able to load our products on our trucks more rapidly than by methods formerly used—and at a considerable savings in cost. Our plants arrive at their destination in better condition because they are moved from one point to another in our warehouse on your conveyor without having to be handled several times by hand."

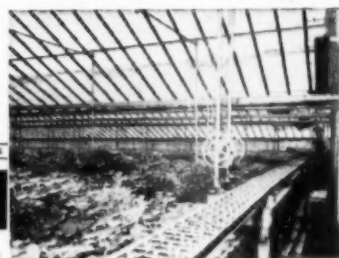
### RAPID-WHEEL GRAVITY CONVEYORS

Plants, potted in one end of a greenhouse, are placed on trays which travel over Rapid-Wheel Conveyor to concrete flats in another section. This has saved much hard work and extra handling of former trucking methods.



Weber Bros., Royal Oak, Michigan, are thoroughly pleased with the way Rapid-Wheel moves their flats of seedlings in and out of the greenhouse and onto trucks for delivery.

Rapid-Wheel Conveyor installation in a greenhouse takes up a minimum of space . . . provides easy movement of trays of plants to any part of the greenhouse.



Check these handling costs. . . Write today for free information on how to reduce handling costs.

Manufacturers of  
STEEL FORGED CASTERS - TRUCKS - CONVEYORS - POWER BOOSTERS

*The Rapids-Standard Co., Inc.*

Sales Div. 302 Peoples Nat'l Bank Bldg., Grand Rapids 2, Michigan

### TEXAS SHORT COURSE.

Members of the Texas Association of Nurserymen attended the first postwar short course at Texas A. & M. College June 18 and 19. About fifty members were present, and they represented most sections of the state.

Guy W. Adriance, head of the department of horticulture at Texas A. & M. College, presided at Wednesday's sessions and at the banquet that evening. Dr. H. G. Johnston, department of entomology, spoke on some of the latest developments in the making of insecticides and in their effective use.

Dr. L. M. Blank, plant pathologist, spoke on soil pests, particularly nematodes, and how they may be detected in the soil. Dr. E. W. Lyle, soil pathologist for the Texas Rose Research Foundation, spoke on new fungicides for roses, and Dr. E. M. Hildebrand, of the department of biology, discussed crown gall, especially in relation to peaches. Mr. Haworth, of the state department of agriculture, spoke on the state inspection service.

At the banquet Wednesday evening, the principal speakers were Dr. C. N. Shepardson, dean of agriculture, and Dr. A. A. Dunlap. Dr. Dun-

## BUDDING STRIPS

### NURSERYMEN IMPORTANT

The factory has just advised us that it has discontinued making Budding Strips for the balance of 1947.

We have a fair stock on hand now, but if you wait to order your strips until late July or August you may not be able to obtain 100% Natural Rubber Strips.

If you have not received our 1947 price list, send for same.

**THOMAS B. MEEHAN CO.**

**Dresher, Pa.**

### "Our COMPETITORS Make Good Tools"



Ask to see them at your Hardware, Implement, Feed, Seed or Dept. Store. If your favorite dealer does not stock them, write for a catalog, enclosing dealer's name and address.

STILL AT MARCH 1942 PRICES





lap gave an illustrated talk on rose diseases, and Dr. Shepardson voiced the need for greater efficiency and increased output in the field of agriculture. Two commercial color films were also shown at the banquet.

Prof. Fred R. Brison, of the department of agriculture at Texas A. & M. College, presided at Thursday's sessions. Jesse Breedlove, president of the Texas Association of Nurserymen, discussed the program for the certification of stone fruits being sponsored by the association. M. K. Thornton, of the college extension service, spoke on "Soil Reactions and the Use of Commercial Fertilizers."

B. E. Pettit, former Texas A. & M. student, demonstrated portable overhead irrigation equipment put out by a company at Muskogee, Okla. H. B. Parks, of the Tracy Herbarium Museum at the college, spoke on "Native Plant Material," and Dr. Lyle spoke again on the subject of roses, this time about the problems involved in storing them.

It was decided that next year's school should be held the early part of June and should occupy three days and that more time should be devoted to the discussion of ornamentals and of landscaping.

#### PEONY SOCIETY ELECTS.

At the annual meeting of the American Peony Society, held at Horticultural Hall, Boston, Mass., June 17 and 18, the following officers were elected: President, Marvin C. Karrolls, Milwaukee, Wis.; vice-president, Frank E. Moots, Newton, Kan.; secretary, W. S. Christman, Northbrook, Ill.; treasurer, W. W. Cook, Clinton, Ia. New directors elected are Frank E. Moots, Newton, Kan.; William Brown, Elora, Ont., Canada, and Winthrop Thurlow, West Newbury, Mass.

The society staged its annual show in conjunction with the peony and rose display of the Massachusetts Horticultural Society. Cherry Hill Nurseries, West Newbury, Mass., filled one hall with blooms and captured many prizes. Breck's, Boston, received a special prize for a display of lilies and herbaceous perennials.

SAMUEL P. SNOW, whose talk on landscape maintenance service at the University of Georgia conference in May was published in the issue of June 1, has left the University of Georgia to become professor of landscape architecture at Alabama Polytechnic Institute, Auburn, Ala.

## THE *Exclusive* FEATURES OF ARIENS TILLER

**PUT IT IN A CLASS BY ITSELF!**



**BACKED BY 16 YRS.**

**EXPERIENCE**

Model "C" has a full 7-horsepower motor; 2 speeds, forward and reverse; a positive action multiple-disc clutch . . . just to mention a few of its features. Where else can you find these features at near the same price unit?

Model "B" is still the quality unit of all tillers—designed and built for heavy-duty performance, for such jobs as you require of a tiller.



Write today for complete details  
—and name of nearest distributor.

**A  
COMPLETE  
LINE OF  
ROTARY  
TILLAGE**

# ARIENS COMPANY

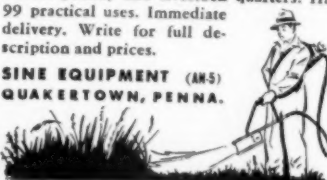
**BRILLION — WISCONSIN**

### MODERN "FLAME-THROWER" KILLS WEEDS!

**DEFINITELY . . . PERMANENTLY  
600,000 USERS**

This famous kerosene torch burns out weeds, roots, stalks, with its 2000 F. flame. Destroys insect-pests, rodents; thaws; splits rocks; disinfects poultry and livestock quarters. Has 99 practical uses. Immediate delivery. Write for full description and prices.

**SINE EQUIPMENT (ANS)  
QUAKERTOWN, PENNA.**



### GARDEN CLUB SHRUBBERY PROTECTOR



#### SHRUB-GARD

An invention that protects your shrubbery from the menace of destructive corrosive action caused by dogs. Makes the dog's visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The SHRUB-GARD is a unit of steel spring wires that are flexible and will not tear clothing of passersby. Each SHRUB-GARD has three prongs and covers approximately two and one half lineal feet.

Harmless to dogs or humans.  
Packed one dozen to a carton, weight 2 lbs.  
Price \$2.50 per dozen.

**THOMAS J. MAGEE**

631 E. Wadsworth Ave. Philadelphia 19, Pa.



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## Supreme Quality SUPPLIES



### INSECTICIDES—FUNGICIDES

All leading Sprays and Dusts  
Greenhouse Fumigants.  
Mul-T-Vapor Bombs.  
Weed Killers.

### FERTILIZERS

Organic  
Chemical  
Charcoal  
Peat Moss



### INSECTICIDE SPRAYERS

"Myers"  
"Hudson"  
"Brown"  
"Smith"  
"Champion"  
"Aerosprayers"

### DUSTERS

"Root"  
"Hudson"  
"Smith"

### 1947 BLUEBOOK OF SUPPLIES

Just OFF The Press!  
This complete Guide to Horticultural Supplies has been incorporated with the Summer Wholesale Seed List of our affiliate, The American Bulb Co., and is available without charge to any legitimate member of the trade. Send for your copy today!

### GLAZING SUPPLIES

Greenhouse Paint  
Putties—Kuhls, Garlanite  
Glazing Guns and Bulbs  
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Cultivators and Seeders  
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### "Easi-Off" Plant Bands

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Gardex "Soil-flow" Tools  
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### Wheelbarrows and Handi-carts

"Master" Distributors  
"Springfield" Lawn Sweepers  
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## AMERICAN FLORIST SUPPLY CO.

A Division of American Bulb Co.



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— CHICAGO 7

## NEW ENGLAND MEMBERS.

[Continued from page 59.]

advantage over the present location at Weston. However, the obstacles of thick forest growth and many boulders of large size will have to be removed before the land is tillable. A large acreage already has been cleared, and about fifty acres are now planted in broad-leaved evergreens, azaleas, flowering dogwood, yews and general nursery stock.

An invitation is open for all A. A. N. members to visit the nurseries at any time, and those members who have seldom stumbled over a boulder in their own establishments should be particularly interested in seeing the obstacles encountered by New England nurserymen, according to Peter J. Mezitt, president of Weston Nurseries, Inc.

## White Landscape Service.

The White Landscape Service, Brockton, Mass., has been in business since 1930. Mr. and Mrs. Frank T. White, who own the business, studied landscape architecture at the University of Massachusetts and have been working together since 1937.

No plant material is grown. Although designing and supervising minor construction as it applies to home grounds, the nursery limits the work done by its own men to planting.

## Isaac Langley Williams.

The Isaac Langley Williams Exeter Wild Flower Gardens, Exeter, N. H., were established in 1923. The firm has the reputation of being the largest collector of hardy native trees, shrubs, evergreens, wild flowers and ferns in New England.

Specialties are evergreen and deciduous lining-out stock, native lilies, ferns, wild flowers and orchids for the trade. A retail mail-order wild flower business is also conducted.

A son, Edward Williams, is a sophomore at Cornell, in landscape design, and a son-in-law, T. D. Jordan, is taking a similar course at the University of New Hampshire. Both are returned navy veterans.

Isaac L. Williams is chairman of the American Association of Nurserymen membership committee from New Hampshire.

## Winslow Nurseries.

The Winslow Nurseries, Needham, Mass., were founded early in the twentieth century by Robert G. Winslow, who had been a New England agent for a New York nursery. Growing for the nurseries was done at Needham and Wellesley, Mass.,

## AUTOMOTIVE TREE MOVERS



The above is a picture of one of our 7-foot Rocker Type Tree Movers, owned and operated by the Laur Shade Tree Service, St. Louis, Mo. The tree is a large sugar maple weighing slightly more than five tons. This is the third mover purchased from us by this company.

On short hauls it is possible to move five or six big trees within a day's time. We can use this mover as a crane to load trailers or other trucks for longer hauls.

Place your order early so that you will not be disappointed as all steel stocks are scarce and our production is limited. Write for further information.

## WILLIAMS &amp; HARVEY NURSERIES

Box 7068, Country Club Station

Kansas City 2, Mo.

## PEAT PRODUCTS

Sphagnum Peat Moss. . . . . acid pH 4.0

Hypnum Peat Moss. . . . . neutral 6.5 to 7.0

Black Cultivated Peat. . . . . neutral 6.5 to 7.0

We can furnish you quality peats for YOUR needs. . . . For general soil conditioning, planting, propagating, packing, mulching, top dressing and bulb storage.

BUY CHEAPER, BUY IN BULK CAR LOTS. SOLD BY THE CUBIC YARD. Write or wire for quotations.

## ELI COLBY CO.

HANLONTOWN, IOWA

## TREE WOUND DRESSING



For destroying and preventing the growth of wood destroying fungi and for the protection of wounds, use Bartlett Tree Paint. Easily applied with ordinary paintbrush.

**\$2.25**

Per Gal.

Used by Tree Experts, State Highway Departments and Public Utilities.

BARTLETT MFG. CO.  
3058 E. Grand Blvd., Detroit, Mich.

## Big "RAINBOW" Sprinkler



Sprinkles areas up to 50 ft. square without having to be moved. Has 17 nozzles. Oscillates. Waters evenly. Adjustable for different size areas. Does the work of three or four ordinary sprinklers. Only \$45.00, F. O. B. Detroit. Also complete irrigation equipment.

WHITE SHOWERS, INC.

17514 Woodward  
Dept. F. Detroit 3, Mich.

Free CIRCULAR

JULY 15, 1947

91

and the business activity was confined to landscape work, designing and planting.

George A. Winslow, son of the founder, joined his father in 1925. The work was expanded to include landscape construction, walks, driveways, walls and lawns. Many town and city projects were handled, and during the real-estate boom of the late 20's, many large suburban developments were landscaped.

In 1931, a tract of eleven acres was purchased, and on it was established a roadside cash-and-carry and perennial growing operation. A greenhouse was erected, and hardwood propagation is done here.

During the past fifteen years, much of Winslow Nurseries' growing land has been sold for building lots, and the nurseries have purchased a farm for further growing within a few miles of the present office.

Specialties of the nurseries, when in production, have been specimen lilacs, flowering crabs, dogwoods and upright taxus.

F. Stedman Snow, a brother of Mrs. George Winslow, manages the Winslow Nurseries at present.

#### Woodcock Nurseries.

The Woodcock Nurseries, at Ridgefield, Conn., are newcomers in a sense, having been organized in July, 1944. But as successors and operators of the former Outpost Nurseries, they have been fortunate in inheriting the considerable reputation of that organization. Drawing upon the large and diversified inventory which had been built up in past years, and with much the same personnel, operations were resumed in the field of general landscape practice.

J. M. Woodcock is the general manager and has as his partner Harry Custance, who is charged with the operation of the nurseries. J. F. Sumner is sales director. Other departments, both sales and operations, are mostly composed of men who gained their experience here in past years.

Besides operating the 800 acres at Ridgefield and the 150 acres at Cranbury, N. J., under contract, the Woodcock Nurseries own 100 acres at New Milford, Conn. New stock has been lined out on this land as rapidly as it could be obtained, which, together with extensive replacements made at Ridgefield and an all-out program of propagation, is aimed at maintaining a balanced inventory. With supplies ranging from the plentiful prewar material to the smaller stock of more recent plantings, it has been possible to

## FEED RA-PID-GRO

*See results* IN 24 HOURS

GROWS HUSKIER PLANTS *that yield*  
BIGGER AND BETTER FLOWERS...FRUITS...VEGETABLES



Feeding a block of grafts and seedlings 10 lbs. to 150 gallons of water, feeding 10 lbs. to the acre. Best results are obtained by removing end spray nozzles and feeding along sides of the rows, 20 lbs. to the acre. You get results that can't be matched by any other fertilizer or plant food.

### Makes fibrous roots—healthy stock

*... Feed it to your stock*

Ra-Pid-Gro is easy to feed with your present spraying equipment. Feed it to growing stock. Produces stock that will live when transplanted. It's economical—only 20 lbs. to the acre.

Sell it to your customers. Saves thousands of dollars in replacements. Bring repeat business in both stock and Ra-Pid-Gro. Many nurseries are cashing in on Ra-Pid-Gro sales now.

IMMEDIATE RESULTS . . . DOUBLES GROWTH ON BUDS

**RA-PID-GRO CORPORATION • Dansville, N. Y.**

### HORTICULTURAL REALTY CO.

135-39 Northern Blvd., FLUSHING, L. I., N. Y.

*Realtors to the Floral Trade*

GREENHOUSE PROPERTIES  
FLOWER SHOPS, NURSERIES

List your property with us  
for prompt results.

### PERFECTION MARKERS



For Garden,  
Nursery, Green-  
house or Display.

Pure Aluminum cards furnished which may be changed or used for permanent identification.

Write for complete information.

S-W SUPPLY CO.,

Girard, Kan.

fulfill most of the requirements of the past few seasons.

#### F. H. Woodruff & Sons.

F. H. Woodruff & Sons., Inc., Milford, Conn., was established in 1903 as a market gardening business. This line was later changed to seed growing.

Trade activities cover the entire country, and a considerable export business is also handled. The company grows a complete line of vegetable seeds, lawn grass and field seeds and spring-flowering bulbs. While the main offices, trial grounds and seed-breeding farms are located in Connecticut, stations for the growing of garden seeds are maintained in Wyoming, Idaho, Colorado, Washington, Oregon, Montana and California. A large, modern warehouse and seed-cleaning facilities were established in 1934 at Sacramento, Cal.

The specialties of the company, however, are in the field of turf. The regional experiment stations have been established in an effort to obtain necessary data for formulating seed mixtures adaptable to soil and climatic conditions of these various regions. Turf-Maker, one of the company's lawn seed mixtures, is blended differently according to locality. Tru-Shade, another such mixture, has also been marketed by the company.

This research in the field of turf has introduced such varieties of grass as Illahee creeping red fescue and Cascade Colonial bent. The Woodruff company has supplied most of the seed for the lawn projects at the New York World's Fair, the Williamsburg restoration, the Ford Rotunda at Dearborn, Mich., and the Willow Run concern in Michigan.

#### Wyman's Framingham Nurseries.

Wyman's Framingham Nurseries, Framingham, Mass., one of the larger in the New England area, have been owned and operated by Richard M. Wyman for twenty-seven years.

Mr. Wyman grew up in the nursery business, working with his father, Windsor H. Wyman, of Bay State Nurseries, for many years. In 1920 he purchased the 400-acre Framingham Nurseries from his father.

Mr. Wyman was one of the first nurserymen to grow large quantities of taxus, rhododendrons and azaleas and has shipped them all through the east and midwest. Over a period of years, he has originated and introduced *Taxus canadensis stricta*, *Taxus media Hedgeform*, *Taxus media nanagrond*, *Taxus media wymani*



### COMPLETE PROTECTION

MISTMASTER Model 50 Portable Electric Sprayers give complete protection because they break the solid liquid into the most effective fine spray for diffusion and economy, spread it thoroughly for distances from 8' to 10 feet and are so easily handled that spray can be directed in any position for thorough coverage.

Truly a universal sprayer with countless uses. Sprays both water-base and oil-base insecticides with equal effectiveness. Equipped with Universal AC-DC motor; plugs into any outlet; weighs only 2 lbs. with pint glass jar, 3½ lbs. with quart size; perfectly balanced for effortless use; sturdy, dependable, instant acting.

Write Today for Complete Information

Begin now to make most effective use of insecticides.



1714 PAYNE STREET, EVANSTON, ILLINOIS



### Build Your Own Irrigation System

Using the nozzle that gives adequate irrigation on low operating cost. Covers 40-foot circle on 15 lbs. pressure. Complete even coverage improves yields and quality of crops.

Plan and instructions sent upon request.

ITTNER BROS.

Anoka  
Minnesota

## IRRIGATION

PIPE—PUMPS

FITTINGS—VALVES

ENGINES—SPRINKLERS

ENGINEERING SERVICE



## SHINGLE TOW

Baled and Loose.

Carload shipments only.

From Wisconsin and Michigan.

SHAVINGS & SAWDUST CO.

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## PROLONG

WONDERFUL COSTSAVER



Retards Rotting, Molding and Mildewing...permits roots to grow through... Saves time, labor and money.

Dip burlap. When dry, it's ready to use. PROLONG treated burlap lasts 8 to 24 months!

R. L. CHACON CHEMICAL CO.

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## HOTBED SASH

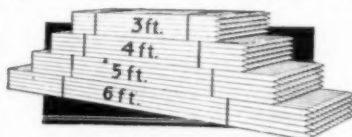
Genuine Dense Virgin

## CYPRESS

The kind that lasts and lasts.

Strictly No. 1 Quality.

Arranged for 3 rows 10-in. glass. Junior 3 x 4 feet open, \$2.75; glazed, \$5.50 each. Standard 3 x 6 feet open, \$4.16; glazed, \$8.32 each. Standard sash have 3/4-in. galvanized steel cross bar through center.



## PLANT STAKES

50 Pieces to Bundle

3/4 x 3/4 in.—3 ft. .... \$1.50 per bundle  
1x1 in.—3 ft. .... 2.00 per bundle  
1x1 in.—4 ft. .... 2.50 per bundle  
1x1 in.—5 ft. .... 3.50 per bundle  
1x1 in.—6 ft. .... 4.50 per bundle  
1x1 in.—7 ft. .... 5.50 per bundle  
These stakes are made of mixed hardwoods and cypress. They are good, strong stakes and will give long service. Order by Express for quick delivery.

## ALUMINUM PAINT

Once again we can furnish that fine aluminum paint that was off the market during the war. The quality has no equal. Highly water and weather-proof—retains its elasticity for years and adheres readily to any surface. 30-gal. Drums, \$3.60 gal.; 5-gal. Kegs, \$3.70 gal.; 1-gal. Cans, \$3.80 gal.

## GLAZING POINTS

These glazing points are pure zinc with spiked heads; point is beveled to hold tight against the glass. Do not confuse these pure zinc points with cheap galvanized brads. Pure zinc will never rust. Save yourself future repairs by using only Pure Zinc Points. The Everlasting Kind.

All Sizes 60c per Pound Package  
5/8-inch.....1200 points per lb. pkg.  
3/4-inch..... 960 points per lb. pkg.  
7/8-inch..... 800 points per lb. pkg.

## PEERLESS

## GLAZING STAPLES

Stop Glass from Sliding! \$1 a Box  
No rights, no lefts, no raising up while being driven. Indestructible, made of galvanized wire. Once used always used. Don't substitute.  
Small Medium Large  
No. 1 No. 2 No. 2 1/2

## CYPRESS SEED FLATS

Price, 35c each

Size, 20 x 15 x 3 inside measure. Shipped knocked down and bundled. Sides and bottom, 3/4-in. thick; ends, 1/4-in. thick. These flats made of genuine Dense Virgin Cypress, the kind that lasts and lasts.



## PECKY CYPRESS

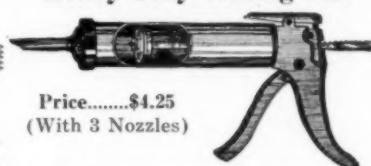
Bench Lumber

4 nice big carloads from our best southern mill. 1-in. rough genuine pecky cypress random width and lengths at \$116.00 per 1000 ft. Also 2x4-in. random at 8c per lineal foot. Wire your order while this is available as offer is made subject to prior sale.

"The wood eternal"

"We ship the same day"

## Heavy-Duty Glazing Gun



Price.....\$4.25

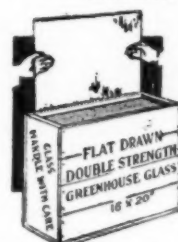
(With 3 Nozzles)

This is a three-way gun—for application bulk or with nozzle or commercial type cartridges; has better balance, quicker pressure release, lighter weight, pistol grip trigger action and, as a result of improved washer construction, it has better suction and longer wear. It is the only gun you will use after you try it. Guaranteed.

## GREENHOUSE WHITE PAINT

That good prewar grade.

Gallon-cans, each ..... \$5.00  
5-gal. drum, per gal. .... 4.90  
Immediate shipment.



## CLEARLITE QUALITY GLASS

In stock for Immediate shipment

The Best for Greenhouses

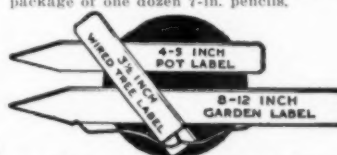
8x10 S.S., box 90 lights..... \$5.30  
10x12 S.S., box 60 lights..... 5.30  
10x12 D.S., box 60 lights..... 6.20  
10x14 S.S., box 51 lights..... 5.30  
10x14 D.S., box 51 lights..... 6.20  
14x20 D.S., box 26 lights..... 6.20  
16x18 D.S., box 25 lights..... 6.20  
16x20 D.S., box 23 lights..... 6.20  
16x24 D.S., box 19 lights..... 6.50  
18x20 D.S., box 20 lights..... 6.50

## Evermark

## Pencils



For writing on all plant labels. Will not rub off, will not wash off. This is the original Evermark—endorsed by leading growers everywhere. Send \$1.00 for trial package of one dozen 7-in. pencils.



## DAHLIA OR TREE LABELS

Price per 1000  
Plain Painted  
3 1/2 x 5/8 ins. Notched, not wired.... \$2.50 \$3.00  
3 1/2 x 5/8 ins. wired..... 3.00 3.50

## POT LABELS

4x5 ins. (Ctns. 1000 ea.)..... \$2.50 \$3.00  
5x5 ins. (Ctns. 1000 ea.)..... 2.75 3.30  
6x5 ins. (Ctns. 1000 ea.)..... 3.25 3.75  
Price per carton  
Plain Painted  
8x5 ins. (Ctns. 500 ea.)..... \$2.50 \$3.00  
10x5 ins. (Ctns. 500 ea.)..... 3.00 3.50

## GARDEN STAKES

Price per carton  
Plain Painted  
8x 7/8 ins. (Ctns. 250 ea.)..... \$2.00 \$2.25  
10x 7/8 ins. (Ctns. 250 ea.)..... 2.25 2.50  
12x1 1/2 ins. (Ctns. 100 ea.)..... 1.25 1.50  
Our labels are perfectly white and smooth on both sides and are pronounced by growers the best and most economical.

## GLAZING COMPOUND



Our glazing compound will give you the longest service and satisfaction. Composed of adhesive, weatherproof oils, kums and asbestos fiber. Easily applied with glazing or caulking gun. Light gray or slate gray.

Economical—Durable—Very Elastic

Gun Grade Knife Grade  
1-gallon can ..... \$2.70 gal. \$2.80 gal.  
5-gallon drums... 2.60 gal. 2.70 gal.  
30-gallon drums... 2.40 gal. 2.50 gal.

Money back if not satisfied

"We ship the same day"

## YOH & HOOKER

Youngstown 1, Ohio

and Taxus media brodio. He has also introduced commercially Azalea poukhanensis, Malus theifera, Azalea mucronulata, Azalea daurica and Rhododendron smirnowi. He is now working on several new varieties.

The nursery has a widely diversified operation, doing wholesale, landscape and retail business. Production, in the most part, is directed at high-grade specialties, such as taxus, rhododendrons, azaleas and the better flowering trees and shrubs.

At the present time Mr. Wyman

is directing most of his efforts to propagation, plant research and maintenance. He is particularly concerned with shortening the time required to grow plants to salable size and with methods of rooting varieties that heretofore have been propagated only by grafting, budding or layers.

His son, Richard M. Wyman, Jr., since completing college and four years in the army, is the general manager of the firm and handles most of the business details.

During the war was established the Wyman Box Co. From an organization of two men, this business grew to employ forty men.

Wyman's Framingham Nurseries are located on United States Route 9 between New York, Worcester and Boston, twenty miles west of Boston's Hotel Statler.

HARTSDALE NURSERY is the name of a 14-acre nursery being opened by Peter E. Hartman at Tulsa, Okla.

## SUPPLIES FOR THE NURSERY TRADE

### TWINES

COTTON — JUTE — HEMP — SISAL  
Complete Stocks All Put-ups

### PAPER

PLAIN and CREPED WATERPROOF PAPERS,  
PAPER TOWELS—GUMMED TAPES—TOILET TISSUE, etc., etc., etc.

Write for samples and prices.

### EAGLE WRAPPING PRODUCTS CO.

Packing, Storage and Shipping Supplies for the Nursery.

312-330 North Carpenter St.

Chicago 7, Ill.

#### HILLSDALE ROSE FESTIVAL.

The Hillsdale Landscape Co., Indianapolis, Ind., presented its first formal rose festival in five years, June 15. An annual event before the war, the festival was restored in full this year, and Alex Tuschinsky, owner of the company, reports that all previous attendance records were surpassed this year.

Miss Jewell Jean Lain, senior at the Shortridge high school, was chosen queen of roses for 1947 from a group of ten contestants. The Boy Scout band from the Indianapolis council provided the music for the festival.

According to Mr. Tuschinsky, the festival, as usual, has stimulated the sales of rosebushes and other plants in the Indianapolis area. It has become a traditional pageant and one looked forward to by the public.

#### SPRAYER AND DUSTER ASSOCIATION OFFICERS.

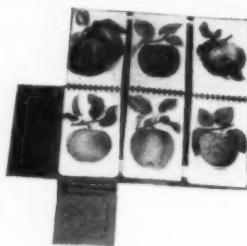
R. C. Hudson, of the H. D. Hudson Mfg. Co., Chicago, Ill., was elected president of the National Sprayer and Duster Association, June 20. Harold F. Brandt, of the Dobbins Mfg. Co., Elkhart, Ind., was elected vice-president. R. D. Lewis, Frank J. Zink and John F. Benham, all of Chicago, were re-elected treasurer, counsel and executive secretary, respectively. G. H. Collier, of Elkhart, Ind., is the retiring president.

At the meeting, the member manufacturers reported an increasing demand for hand dusters and small hand and power sprayers. Both the city and farm markets for spraying and dusting equipment have been strong this year.

The sprayer and duster manufacturers report that factories are still operating at far from capacity because of tin and steel shortages.

The organization authorized a

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Bright, attractive color lithographs, size  $5\frac{1}{4} \times 8\frac{1}{2}$  inches, that have selling appeal.

Book of (102) plates contains apples, peaches, pears, plums, etc.

This compact book folds into size  $5\frac{3}{8} \times 8\frac{3}{4} \times 2$  inches.

Choice of cover colors in blue and black.

See us at the Boston Convention.

Send for our circular now.

**B. F. CONIGISKY**

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PEORIA, ILL.

## NOW TRY PARAGON SPRAYER No. 3 in Your Nursery, Orchard and Propagating Beds.

Ten days' trial will convince you that Paragon Sprayer No. 3 will do your spraying and whitewashing better, faster and easier or it will cost you nothing. Oversize air chamber maintains higher pressure—more uniform spray. Longer pipes and hose reach greater area from one position. Compact truck stands steady on uneven ground; can't jam in narrow places; extra-wide metal wheel rims prevent cutting into turf. Continuous agitation keeps solution from settling in container or clogging strainer and nozzles. Equally effective with any spray, insecticide, disinfectant or water paint anywhere, any time.

Complete with pipes, hose and nozzles, \$29.95. Air gauge, \$2.60 extra. 12-gallon capacity. One-wheel truck if specified.

If your dealer does not handle Paragon Sprayer No. 3 check the coupon and mail direct to us.



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State \_\_\_\_\_

JULY 15, 1947

95

study of changing market needs for spraying and dusting equipment. Educational projects to acquaint the public with the proper use of dusters and sprayers were also approved at the business meeting.

Elected members of the executive board, in addition to the officers, were Ralph H. Chapin, R. E. Chapin Mfg. Works, Batavia, N. Y.; T. M. Burton, D. B. Smith & Co., Utica, N. Y.; C. D. Leiter, F. E. Myers & Bro. Co., Ashland, O.; S. H. Samuels, Standard Container Corp., Montclair, N. J., and V. A. Snell, Lowell Mfg. Co., Chicago, Ill.

#### CONNECTICUT HIGHWAY PLANTING POLICIES.

Cooperation between the Connecticut Nurserymen's Association and the state highway department, under the direction of E. M. Brown, chairman of the state highway landscape committee, has resulted in the clarification of several points in the department's policy.

As requested by the nurserymen's committee at a previous meeting, the department agreed to raise the caliper requirement of from one and one-half to two inches to a requirement of two to two and one-half inches. Although the highway department does not feel it should limit to Connecticut nurserymen the sending of specifications for bids, it has agreed that if out-of-state nurseries bid on Connecticut jobs, they must pay the cost of inspection by the state inspector.

So far, the material that has been collected by the state highway department has been confined to laurel, dogwood and a few native shrubs that were already on the right of way or on near-by property, where permission was given to collect it. The department feels that this practice of collecting stock has saved the taxpayers considerable expense, and in many cases nurseries have not had similar material in stock.

OWEN G. WOOD, president of Wood-Howell Nurseries, Inc., Bristol, Va., spent two weeks' vacation in Canada, returning early in July.

SIX buildings at Empie's Highland Nurseries, Johnstown, N. Y., were leveled by a fire June 9. Fanned by a stiff wind, the fire also destroyed hundreds of plants and several pieces of equipment. Firemen were able to save the greenhouse and the home of Howard Empie, near by, but total losses were estimated at \$25,000. Mr. Empie and his brother, Kenneth A. Empie, co-owners, said that half of the loss was covered by insurance.

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Better  
Results

SELL IT  
for  
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Propagating  
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#### In Clean, Well Packed Bales!

**SUPER BALE**  
18 x 20 x 39 ins. Machine pressed.  
In all-burlap wrapping. Veneer  
wrapping also available.

**HANDY BALE**  
18 x 14 x 30 ins. Machine pressed.  
In all-burlap wrapping only. Can  
be handled easily by one man—  
fits into any car.

**SPECIAL BALE**  
18 x 14 x 33 ins. In 5-ply kraft  
paper, with inner wall of lami-  
nated asphalt.

PREMIER PEAT MOSS CORP., 535 FIFTH AVENUE, NEW YORK 17

VISIT BOOTH 14 — A. A. N. CONVENTION

July 21 to 24

Boston, Mass.



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Large Stocks

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40 North Front Street  
PHILADELPHIA 6, PA.

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Push stroke, 24-inch-5 point  
Pull stroke, 18-inch, pistol grip handle  
24-inch, reinforced handle.  
16-inch, pole saw blade.

Extra handles for above  
and speed saws.

LEATHER SCABBARDS for above  
saws, speed saws, and others. (Send  
outline of saw.)

PRUNER HEADS — No. 1 Seymour  
Smith.

LEATHER HI-TOPS—16-in., E width,  
6 to 12 sizes.

TWO-WHEELED ALL-STEEL TRAIL-  
ERS—Advantages over any other  
made.

LEATHER SAFETY SADDLES.

Karl Kuemmerling, Inc.

1021 Renkert Bldg., Canton 2, Ohio

For Over 5 Years Our  
**OPEN MESH COTTON  
 NURSERY SQUARES**  
 have rendered  
 complete satisfaction  
 to the  
**LEADING NURSERYMEN**  
 throughout the  
**UNITED STATES and CANADA.**

Why not try them?

Also  
**NEW 9-OUNCE  
 BURLAP SHEETS**  
 Size 31x34 ins.

Now Selling for  
**IMMEDIATE**  
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Samples and Prices Gladly  
 Furnished upon Request.

**AMERICAN-NATIONAL  
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343 Kent Ave., Brooklyn 11, N. Y.

## BURLAP

### FOR THE NURSERY TRADE

We have for immediate delivery, good reconditioned Burlap, sewed in continuous lengths. This material is put up on neat compressed rolls weighing about 350 lbs. each and 40 ins. wide. Price **18c** per lb. F.O.B. Providence, R. I. If interested, write to

**UNITED TEXTILES, INC.**

P. O. Box 53, North Station  
 Providence, R. I.

## LABELS FOR NURSERYMEN

**THE  
 BENJAMIN CHASE  
 COMPANY**  
 DERRY, N. H.

## PLANT NOTES.

[Continued from page 36.]

goes. Hortus calls it a "little alpine perennial"; here it makes a little tuft of small spatulate leaves during its first year and the following spring (usually early April) produces its lavender-pink crossflowers, several inch-high stems to a tuft, so prodigiously that its strength seems exhausted. Like most of the really handsome thlaspi, it is not a plant for general cultivation, though its need of a well drained light soil with enough humus to carry it through short dry periods is not so exacting as we find in the two highlights of the genus, *T. rotundifolium* and its near relative, *T. limosellifolium*.

It may be that the last two are synonymous, as Hortus says, but the first of them always grew a little taller (the one four and the other three inches, approximately, according to my notes), and the pink of *rotundifolium* is light and the other, rosy-lilac. But neither should be attempted by anyone unprepared to give them infinite care, for these high mountaineers resent our eastern American climate as few other European alpine do. The only way that I have ever been able to keep them was in a scree soil, planted next to a perpendicular drain tile which was kept full of water, or in pots, watered from the bottom, in a cold house. And the average gardener does not care to go to that bother. So I should expect few, if any, of the thlaspi species to be acceptable for general sales, even though the three mentioned have sufficient beauty to excite the confirmed alpinist.

### *Erigeron Speciosus* Wuppertal.

Of all *erigeron* species, the Pacific coast plant known to botanists as *E. speciosus* and *Stenactis speciosa* has probably contributed more to gardens than any other kind. That is not to be wondered at either, for in its natural state it is a splendid garden plant in its 2-foot growths carrying large heads of deep violet daisies in June and July. Plant breeders have been busy with it not only within the species but also in hybridizing and have given us a rather wide selection, including plants of varying heights and shades (pink through blue to purple). The latest addition to the list of which I have heard is the plant heading this note, variety Wuppertal, which will probably add to its luster.

I know nothing about the plant from experience, but a friend in the east tells me it is, excepting variety Major, the most vigorous grower he has ever seen, attaining three feet

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 Paint with an  
 Asphalt Base  
 Containing Pine Tar**

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Used in Agriculture  
 For Many Years

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**Central Petroleum Co.**  
 548 Standard Bldg.  
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**IT COSTS NO MORE**  
 (and in most instances less)

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 Squares and Rolls**

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**BURLAP** { Domestic Squares  
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**Tools — Grafting Supplies**  
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## The Finest Garden Trowel, Transplanter and Cultivator-Bulb Planter....**EVER OFFERED**



**LIGHTWEIGHT—ONE-PIECE  
CAST ALUMINUM**

**Streamline Design Handy  
Durable Tools Will Not Rust**

**Profitable Resale 59c** Suggested price  
EACH (per tool)

**YOUR COST \$4.70 DOZEN**

**Order Through Your Jobber**

**Special Convention Offer:**

In order that you can see and actually use these high-grade tools, all three will be sent postpaid on receipt of \$1.00. (**ONLY ONE SET**)

**MELCO MANUFACTURING CO.**

**2017 GRAND AVE.  
CHICAGO 12, ILL.**

under good culture, and has large heads of quite double, dark blue flowers for close to two months, commencing in June. It makes one think that it would make a good item for local sales. It will have to be re-produced vegetatively, a task that is easily accomplished by divisions or cuttings. And it is to be hoped that some mass-production artist will not attempt to meet a large demand by offering seedlings as the true plant. That is the way E. Double Beauty got a bad name among gardeners.

### CINCINNATI GROUP MEETS.

The Cincinnati Landscape Association, Cincinnati, O., held its monthly meeting June 9. Twenty-three members were the guests of the W. A. Natorp Co. A tour of the nurseries was followed by dinner at the Cottage.

Out-of-town visitors included Louis Hillenmeyer, Sr., Lexington, Ky., who entertained members with stories of bee culture; John and Clarence Siebenthaler, Dayton, O., and James Ilgenfritz, Monroe, Mich.

THE new name of the business formerly called the Rose Flower Shop at Corpus Christi, Tex., is Mat-teson's Nursery, located on Route 1.

### FOR FAST, EASY DUSTING USE THE POWERFUL **CHAMPION** DUSTING MACHINE

Here's the duster that throws powder where it's wanted without waste—up, down, sideways, under leaves. Efficient, trouble-free dusting for

**GROUND CROPS • FRUIT TREES  
VINES • BERRIES**

Carried like a knapsack; operating lever produces uniform flow, grinds and mixes powder. Weighs 15 lbs.; holds up to 25 lbs. Prompt delivery. \$25.35 f. o. b. Detroit.

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Ray and Kiser Sts. DAYTON, O.

## HALPERN BROS.

**Burlap and Cotton  
NURSERY SQUARES**  
all sizes.

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\* One of a series of advertisements based on industrial opportunities in the states served by the Union Pacific Railroad.

**K**ANSAS—almost in the exact geographical center of the United States; an important factor to industries serving nationwide markets.

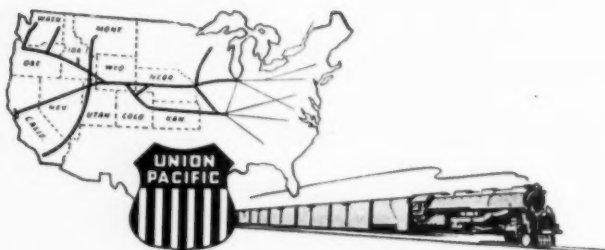
Agriculture is king. Kansas normally ranks first in wheat production. In addition to grains, vegetables and fruits, a large part of farm income is derived from livestock and poultry.

Kansas industry keeps step with agriculture. There are approximately 2,500 manufacturing and processing establishments. Over four mil-

lion tons of coal are mined annually. Here is the largest natural gas field in the world. Eighteen principal rivers with two great watersheds provide an abundance of water. The population is 97 per cent native born.

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\* Address Industrial Department, Union Pacific Railroad, Omaha 2, Nebraska, for information regarding industrial sites.

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 THE STRATEGIC MIDDLE ROUTE

## HYPERICUM *Sungold*

(Plant Patent No. 568)

A hardy, shapely, dwarf, twiggly shrub, which grows into an almost completely oval globe of 18 to 3 feet in diameter, and about 18 to 24 inches in height, densely covered with foliage which is handsome throughout the summer. It bears its cymes of golden flowers at the end of every shoot of the summer's new growth. It flowers more freely and much longer than any of the *Hypericum Patulum* now in general use. Its flowers are bigger and produced in immense quantities, transforming this lovely plant into a small mound of gold when in full bloom. Of particular interest and value is its exceptional hardiness. In our nursery tests over five years it has proven its ability to withstand cold weather as well as outgrow and outbloom any *Hypericum* we have ever seen. The average diameter of bloom is from 2½ to 3 inches in diameter.

### PRICES

Each .....	\$ 1.00
Three .....	2.75
Dozen .....	8.50
Hundred .....	60.00

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Each .....	\$ 1.50
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*Hypericum, Sungold*

## *Weigela* *Bristol Ruby*

(U. S. Plant Patent No. 492)

A better "Eva Rathke" has long been needed—Bristol Ruby is just that. Hardier and more vigorous, it makes a shapely, thrifty plant with attractive rich green foliage. Color is a soft ruby-red shading to garnet-crimson; extremely pleasing in effect and without harsh tone. Attaining a height of 6 to 7 feet at maturity, it makes a perfectly formed, rounded specimen requiring very little pruning because it flowers well from old wood; no die-back or uneven growth at any time. Best indication of its added hardiness is the fact that almost all of our stock has been developed from 2½-inch pots lined out in September here, and with no loss from winter-killing. We doubt if this would be possible with any other *Weigela*. Excellent reports from Vermont and other difficult regions fully substantiate our own estimate of its unusual hardiness. Bristol Ruby is definitely superior to Eva Rathke in every respect and visitors here at the nursery are quick to note its better qualities.

### PRICES

	PRICES			
		100	1000	
Well-branched, 15-18 in. ....		\$25.00	\$225.00	
	Each	3	12	100
Well-branched heavy, 1½-2 ft. ....	\$0.75	\$2.00	\$6.00	\$40.00
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Guaranteed Superior Quality

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